

Mayor's  
Annual Message

AND

DEPARTMENT  
REPORTS

City of Houston-1910



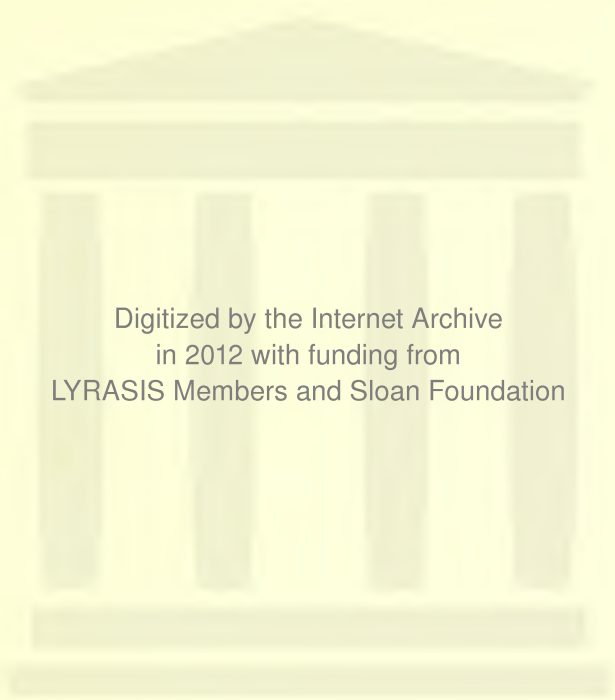
*J. J. PASTOR*

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# ANNUAL MESSAGE

—OF—

## H. B. RICE,

*MAYOR OF THE CITY OF HOUSTON*

—AND—

# ANNUAL REPORTS OF CITY OFFICIALS

*FOR THE YEAR ENDING FEBRUARY 28, 1911*

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COMPILED BY

DAN C. SMITH, JR.,

*City Controller and Secretary.*

26780

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HOUSTON, TEXAS:  
W. H. COYLE & CO., STATIONERS AND PRINTERS,

1911



58722



## CITY OFFICIALS



H. B. RICE.....*Mayor*

J. Z. GASTON.....*Mayor pro tem*

### COMMISSIONERS

J. Z. GASTON

JACK KENNEDY

ROBT. L. JONES

W. J. KOHLHAUFF

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### FINANCE AND REVENUE

J. Z. GASTON, *Chairman*

R. L. JONES

W. J. KOHLHAUFF

JACK KENNEDY

### WATER COMMITTEE

R. L. JONES, *Chairman*

J. Z. GASTON

JACK KENNEDY

W. J. KOHLHAUFF

### STREET AND BRIDGE COMMITTEE.

JACK KENNEDY, *Chairman*

W. J. KOHLHAUFF

ROBT. L. JONES

J. Z. GASTON

### FIRE COMMITTEE

W. J. KOHLHAUFF, *Chairman*

JACK KENNEDY

J. Z. GASTON

ROBT. L. JONES

### ORDINANCE COMMITTEE

J. Z. GASTON, *Chairman*

JACK KENNEDY

ROBT. L. JONES

### BOARD OF APPRAISEMENT

J. Z. GASTON, *Chairman*

W. J. KOHLHAUFF

JAS. P. WELSH

## HEADS OF DEPARTMENTS

T. C. DUNN (Active Vice-President Union National Bank) .....	Treasurer.
D. C. SMITH, JR. ....	Controller and Secretary.
MISS ROBERTA COTTER .....	Assistant Secretary.
JNO. A. KIRLICKS .....	Judge of Corporation Court
W. H. WILSON .....	City Attorney.
J. E. NIDAY .....	Assistant City Attorney.
T. C. TARVER, JR. ....	City Engineer.
FRANK L. DORMANT .....	Consulting and Constructing Engineer.
JAMES P. WELSH .....	Assessor and Collector.
DR. GEO. W. LARENDON .....	City Health Officer.
DR. F. J. SLATAPER .....	Bacteriologist.
JOHN B. WILLIAMS .....	Water Superintendent.
GEO. ELLIS .....	Chief of Police.
JNO. HEFFERNAN .....	Sewer Inspector.
W. X. NORRIS .....	Building Inspector.
PAT DOUGHERTY .....	Purchasing Agent.
F. J. OLLRE .....	Market Master.
C. R. GEORGE .....	City Electrician.
R. F. OLLRE .....	Chief Fire Department.
M. MURPHY .....	Wharf Master.
E. R. PARKER .....	Fire Marshal

## BOARD OF LIQUIDATION.

F. A. REICHARDT	O. T. HOLT	ED. H. HARRELL
B. F. BONNER		H. W. GARROW

## BOARD OF HEALTH

DR. JOE STUART, *President*

DR. W. A. ARCHER	DR. J. W. SCOTT
DR. SIDNEY J. SMITH.	
DR. J. D. DUCKETT	DR. S. H. HILLEN

# BOARD OF SCHOOL TRUSTEES

RUFUS CAGE, *President.*

W. H. NORRIS, *Vice-President.*

A. S. CLEVELAND, *Secretary.*

G. H. PENDARVIS.

## *Finance Committee*

G. H. PENDARVIS                  SAM SWINFORD                  W. H. NORRIS

## *Teachers' Committee.*

A. S. CLEVELAND                  J. D. DUCKETT                  W. H. NORRIS

## *Course of Study and Text-Books.*

S. MCNEILL                  A. S. CLEVELAND                  SAM SWINFORD

## *School Property, Purchase and Repairs.*

W. H. NORRIS                  G. H. PENDARVIS                  S. MCNEILL

## *Hygiene*

DR. J. D. DUCKETT                  G. H. PENDARVIS                  S. MCNEILL

## *Grievances and Complaints.*

SAM SWINFORD                  J. D. DUCKETT                  A. S. CLEVELAND

W. PEINE, *Business Representative of the Board.*



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ANNUAL MESSAGE

OF

H. B. RICE,  
*MAYOR OF THE CITY OF HOUSTON.*

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# CITY OF HOUSTON

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## EXECUTIVE DEPARTMENT

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### MAYOR'S MESSAGE

HOUSTON, TEXAS, March 14, 1911.

*To the Honorable City Council of the City of Houston:*

GENTLEMEN:—I respectfully submit the annual reports of the different departments of the City of Houston, and the annual budget as required by the law.

The past year has been very propitious for Houston. Not only rapidly growing in population and taxable wealth, events have occurred, and long cherished ambitions attained, that undisputably means the building of a great city and the solid foundation of same. The greatest features are the joining hands with the National government in our waterway to the sea by a vote in this county which was almost unanimous; the voting of bonds for a magnificent viaduct connecting the north and south sides of the city; the completion of the great Austin Street storm sewer; the building of the City Auditorium; the reduction of water rates and the extension of the mains for the benefit of the people; the reduction of charges by public utility corporations and a participation of the city in their earnings; the building of the Interurban Railway to Galveston; and last, but not least, the enforcement of the law and the unanimous voice of our good people upholding same.

I congratulate the people upon their action in voting the bonds for our waterway. It means the successful termination of many years' long fight, and the demonstration to the National government that the people of Harris county



and of Houston have an absolute faith in this project, and are willing to place dollar for dollar with that of the government for its completion.

The viaduct will not only have a tendency to, but will actually wipe out all ward lines in this city, the very principle the Commission government is founded upon.

The great Austin Street storm sewer means that a large area of flat country will be thoroughly drained and no longer will the street cars be stopped on account of rainfall, however great.

#### WATER COMPANY.

From what I can see and learn, I believe the Water Company owned by the city is giving general satisfaction. The rates charged are low, and the quality of water unexcelled.

#### FIRE DEPARTMENT.

I desire to call your attention to the efficiency of our Fire Department. Many improvements have been added to this service and it ranks with any city of its size in the country.

#### STREETS AND BRIDGES.

On account of the topography of this city it requires a great expense to drain, build bridges and maintain the streets in good order. I call your attention to the Engineer's reports showing the many miles of paved streets constructed during the past year. We have tried to be fair and just to the various parts of the city and I do not exaggerate when I state that Houston is not only the best paved city in Texas, but the only one where the pavement costs individual citizens absolutely nothing.

During the coming year I recommend that the city be divided into sections, that so many paved streets be placed in charge of competent hands, and that we adopt the system employed by railroad companies in the maintenance of tracks, namely—offer a premium to that foreman that keeps his section or district in the best order.

## SCHOOLS.

You will notice from the report of the Superintendent of Public Instruction how the scholastic population is increasing, and from the Controller's report of the increased cost of maintenance and salaries.

Houston needs more additional school room, more playgrounds for children, and if the people of this community desire to have such facilities they must help to provide means for same, as it is impossible with the rapid growth and influx of people to this city to purchase the ground and construct the needed improvements from the general revenues.

## PARKS.

While Houston needs and should have more parks, I desire to call your attention to the purchase of Highland Park on the north side of the city, and the acquisition of sufficient territory along White Oak Bayou for both a beautiful driveway and park system. When finished this will not only be a blessing to those citizens in that locality, but a pleasure to everyone.

## AUDITORIUM.

There has been some adverse criticism concerning the construction of the new Auditorium; that we should not have taken the city's revenues and invested them in this manner. In my opinion, not only will the Auditorium be a great help and convenience to our people, but it will prove to be one of our greatest assets in the race for commercial supremacy, and the means of effectively eradicating an objectionable part of the city and making it one of the most desirable and substantial.

## PUBLIC SERVICE DEPARTMENT.

In order to cause a better feeling between the people and the public service corporations, and to facilitate matters generally, I recommend that you create a "Public Service Department," where the complaints of the people can be promptly heard and adjusted.

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POLICE.

During the past year, at different times, there has arisen sharp criticism of the police force, on account of crime committed in this city, and as I am the head of this department, I have been censured by some. All crime is deplorable, and no police force is perfect. Whenever I can find any weakness in this or any other department, I shall weed it out; but I want to serve notice in this, my annual message, that I not only stand for law and order, that I am not only going to enforce the law, but that the "gun toter" and perjured criminal witness in this city are going to be eradicated, if I have to call upon every law-abiding citizen in the community to assist me.

We have a fine District Judge and District Attorney; they are striving to perform their duty, and they should have the support of the citizens when they serve upon the juries.

## PERMANENT IMPROVEMENTS.

I want to call your attention to the fact that owing to the many permanent improvements constructed during the past year, over one-half of a million dollars, that we go into the new fiscal year with a deficit. Therefore, I suggest to you that each and every department be as economical as possible for the next twelve months, in order to abolish same. I submit the budget, which is larger than the one just passed, the schools alone requiring \$40,000.00 for increased maintenance.

## TAXES.

I recommend that the tax levy for the ensuing year be placed at \$1.70 per hundred dollars.

**BUDGET.**

Annual budget for the different departments is respectfully submitted:

Mayor and Commissioners.....	\$ 13,600.00
Controller and Secretary.....	7,500.00
Law Department .....	12,000.00
Treasurer .....	620.00
Assessor and Collector.....	15,000.00
City Hall .....	4,000.00
Elections .....	1,000.00
Damages .....	1,000.00
Interest on Bonds.....	240,000.00
Sinking Fund .....	120,000.00
Miscellaneous Expenses .....	15,000.00
Electric Lights .....	50,000.00
Police .....	100,000.00
Corporation Court .....	2,000.00
Fire Department .....	100,000.00
Health Department .....	20,000.00
Scavenger Department .....	13,000.00
Electrical Department .....	7,000.00
City Engineer .....	17,000.00
Streets and Bridges.....	90,000.00
Sewer Department .....	25,000.00
Garbage Department .....	16,000.00
Market .....	7,000.00
Schools .....	180,000.00
Parks .....	10,000.00
Carnegie Library .....	9,500.00
Refunding Certificates .....	21,000.00
Buffalo Bayou .....	20,000.00
Mayor's Emergency Fund.....	1,000.00

**WATER DEPARTMENT.**

I recommend that the annual budget for the Water Department be made as follows:

General Expenses .....	\$ 80,000.00
Interest .....	55,000.00
Sinking Fund .....	28,000.00
Total .....	\$163,000.00

Very respectfully,

H. B. RICE,  
*Mayor.*

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ANNUAL REPORT

OF

J. Z. GASTON,

CHAIRMAN FINANCE AND REVENUE  
COMMITTEE,

*For the Year Ending February 28, 1911.*

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## REPORT OF FINANCE AND REVENUE COMMITTEE.

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HOUSTON, TEXAS, March 12, 1911.

TO THE HON. H. B. RICE,  
*Mayor of the City of Houston.*

DEAR SIR:—We herewith submit the annual report of the Finance and Revenue Committee for the year ending February 28, 1911, together with the reports of the departments under the supervision of this committee, and for full details refer you to those reports. All the departments have been harmonious and have worked together for the best interest of the city.

The condensed result of the year's work, as evidenced in detail by the Controller's books, show general revenues to have been in excess of operating and maintenance expense by \$312,529.54. There was expended during the year from general revenues for permanent improvements, \$513,558.41. Controller's Report, Exhibit B—Schedule No. 5, is an itemized statement of this disbursement. In addition to this, all of the outstanding Storrie certificates were taken up, amounting to \$10,300.00; also refunding paving certificates to the amount of \$21,869.31.

While the School Fund shows an overdraft of \$72,745.00, this is offset by the indebtedness of the State of Texas to the School Fund for a like amount. In fact this amount is simply an advance by the bank on the State certificate of indebtedness in favor of the Houston School District.

The interest on the Water Department bonds, which amounts to \$54,220.00 per annum, having been paid out of the General Fund (with the exception of \$19,300.00), a balance of \$34,920.00 is due the General Fund by the Water Department.

The Controller's report shows available assets amounting to \$499,974.54, against current liabilities of \$221,888.91, which, in view of the large expenditures for permanent improvements, is an excellent showing.

#### MARKET.

The stall renters in the market show commendable pride in keeping their places in a neat and attractive manner and render the city all the assistance in their power to keep same in a sanitary condition, and nothing but the most pleasant relations exist between them and the city. The revenues for the year from rent of stalls and privileges amounts to \$19,631.20, and the expense of operation and repairs were \$8,540.47, leaving a net balance of \$11,090.73.

#### HOUSTON LYCEUM AND CARNEGIE LIBRARY.

The report of Miss Ideson, hereto attached, shows that this institution is appreciated by our people and is growing substantially and rapidly as one of Houston's substantial institutions.

#### PARKS.

The city now has five parks, to-wit: Sam Houston Park and Annex, 29 acres; Cleveland Park, 56 acres; Elizabeth Baldwin Park, 2½ acres; Highland Park, 26 acres; and valuable improvements bought this year for \$18,000.00; and the block of ground in the Second Ward donated by our progressive citizen, Mr. J. J. Settegast. These parks are visited all the year round by throngs of people, and during the summer months band concerts at Sam Houston Park have been enjoyed by our parents and children, alike throwing aside cares and drinking in sweet strains of music. These concerts should by all means be kept up, and under the head of recommendations your committee is suggesting a larger appropriation for 1911 for this purpose.

## EXPENSE OF PARKS.

The budget allowance for maintenance and music for the past year was \$9,000.00. The expenses were as follows:

Sam Houston Park, maintenance.....	\$4,678.00
Sam Houston Park, band concerts.....	4,100.00
Cleveland Park, maintenance.....	866.39
Total expenditures .....	\$9,644.39

## REVENUE FROM PARKS.

The revenues from the parks were as follows:

Sam Houston .....	\$337.50
Cleveland .....	394.90
Total revenues .....	\$732.40

This shows net expenses of operating the parks of \$8,911.99, showing an outlay of \$88.01 less than the budget allowance for operating the parks.

## BUDGET.

We recommend the following budget allowance for operating the departments of this committee for 1911:

Treasurer .....	\$ 620.00
City Hall .....	4,000.00
Assessor and Collector.....	15,000.00
Market .....	7,000.00
Controller and Secretary.....	7,500.00
Sam Houston Park.....	5,000.00
Cleveland Park .....	900.00
Park Concerts .....	5,000.00
Carnegie Library .....	10,000.00

Respectfully submitted,

J. Z. GASTON,  
*Chairman Finance and Revenue Committee.*





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Carnegie Library .....	10,000.00

Respectfully submitted,

J. Z. GASTON,

*Chairman Finance and Revenue Committee.*



# HOUSTON, TEXAS

## WATERWORKS MAP

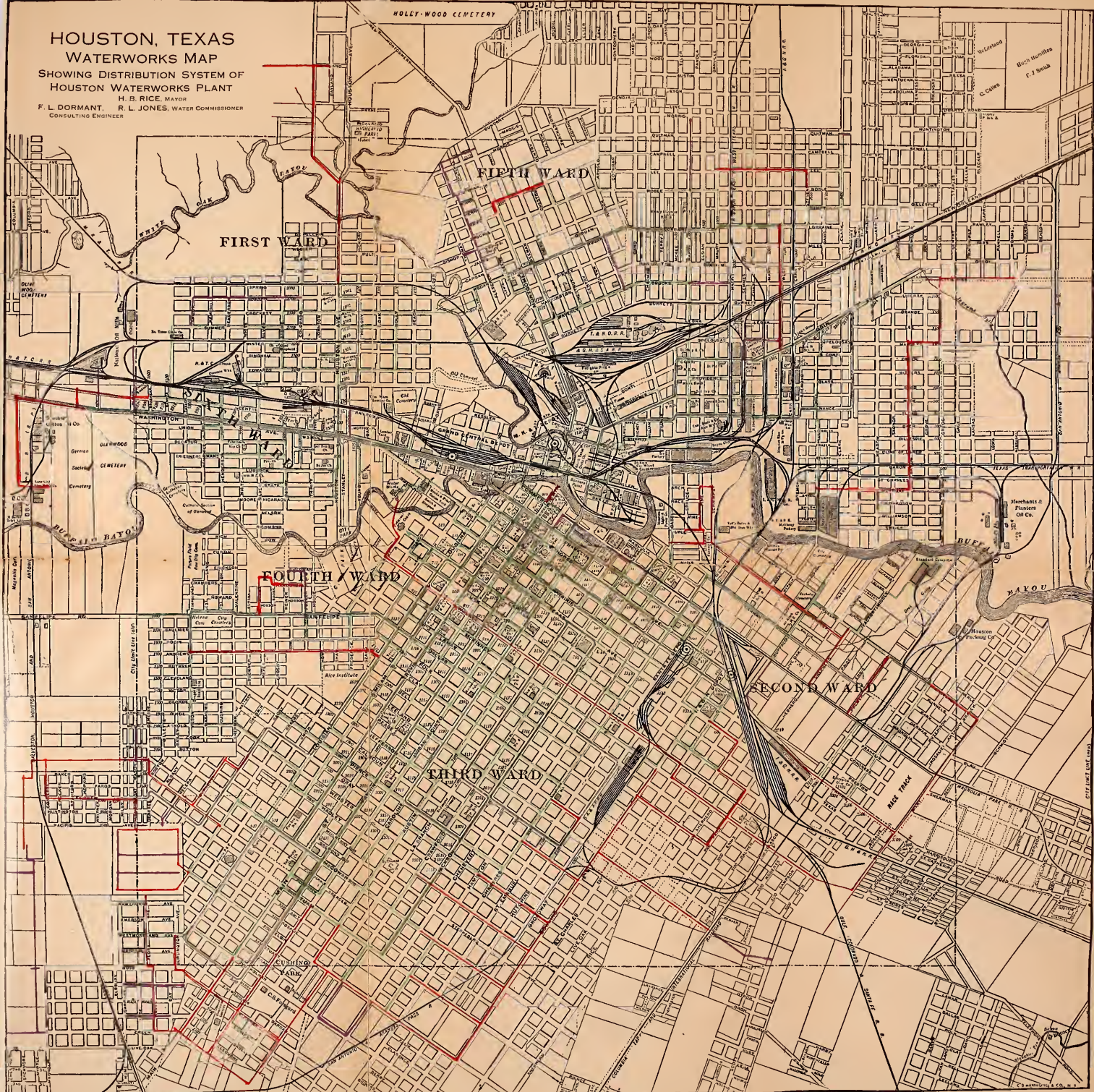
SHOWING DISTRIBUTION SYSTEM OF

HOUSTON WATERWORKS PLANT

H. B. RICE, MAYOR

F. L. DORMANT, R. L. JONES, WATER COMMISSIONER

CONSULTING ENGINEER



GREEN INDICATES PIPES IN EXISTENCE PRIOR TO LAST BOND ISSUE.

RED INDICATES WATER PIPE LAID OUT OF LAST BOND ISSUE.

PURPLE INDICATES WATER PIPE LAID THIS YEAR.





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ANNUAL REPORT

OF

R. L. JONES,

CHAIRMAN WATER COMMITTEE,

*For the Year Ending February 28, 1911.*

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## REPORT OF WATER COMMITTEE.

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HOUSTON, TEXAS, March 1, 1911.

TO THE HON. H. B. RICE,  
*Mayor of the City of Houston.*

DEAR SIR:—As Chairman of the Water Committee, I herewith respectfully render the annual report of the Water Department for the fiscal year ending February 28, 1911.

You will find hereto attached the reports of the Superintendent and Chief Engineer, designated as Exhibits "A" and "B" respectively. These reports cover all the transactions of this department for the past year.

The year just closed has been an uneventful one in the Water Department. While the entire State was suffering from the worst drouth that has been experienced in years, this city had at all times an abundant supply of pure water.

The forty-four wells we have been pumping from have a capacity estimated at fourteen million gallons per day, which has been increased twenty-one hundred thousand gallons, by making repairs on three wells that had fallen into disuse for the past six years, making a total available supply of sixteen million gallons per day, with an average consumption of less than one-half that amount.

The repairs consisted mainly in putting in new strainers of modern pattern, at a cost of \$2,300.00. We have also overhauled and put in first-class condition both Worthington pumping engines, numbered respectively 330 and 764, giving the department a perfect duplicate pumping plant. We are now prepared to pump twenty-eight million gallons of water per day, and with the three million-gallon pumps (which are in good condition, although very near obsolete) we could increase our pumpage to thirty-one million gallons daily.

The bayou suction has been repaired and put in first-class order, and in case of a large conflagration, could be turned into the system within three minutes' time.

The electric power plant, used for lighting purposes, has been replaced with a new 83-ampere Allis-Chalmers dynamo, and all buildings have been re-wired in the latest improved form. This will last for a number of years.

The system of metering has grown more popular with the consumers and beneficial to the department in correcting mistakes and preventing waste.

With 2,912 meters installed during the past year, and 1,641 in service March 1, 1910, making a total of 4,553, will make about 61 per cent meter rates and about 39 per cent flat rates in vogue. I would recommend the purchase, as early as possible, of enough meters to abolish the flat rates entirely, as it has been clearly demonstrated since the installation of meters on all, and especially the large plants, that the pumpage has decreased from ten and one-half to six and one-half million gallons per day. Although our meter rate was reduced from thirty cents per thousand gallons (which rate had prevailed from the time of municipal ownership to January 1, 1910), to the remarkably low rate of fifteen cents per thousand gallons, and an increase in the number of consumers, the revenue will show a slight increase over last year.

The expenditures for the year show a very material decrease as compared with previous years. This is largely due to the improvement in machinery, which has reduced the fuel account about 26 per cent; and the introduction of meters has stopped the waste caused by leakage and reduced the pumpage to 7,800,000 gallons per day, which is a decrease of nearly four million gallons as against the same period last year.

The greatest trouble we have with the water is sand—so fine and white it is scarcely discernable. It has a very severe effect on the pumping machinery and meters, cutting the working parts and making the up-keep of the department very expensive. It would be advisable to build two

large settling basins with a capacity of ten million gallons each, or about four days supply, giving each basin twenty-four hours settling.

Owing to the rapid growth of the city, and anticipation of a still greater growth, this department will have to make large improvements to meet the demands that will necessarily follow. In this connection I recommend the extension of mains on all the principal thoroughfares leading out to the extreme city limits, and by making cross connecting lines as rapidly as our revenues will permit, thereby establishing a perfect net work of water mains that will enable every citizen to have the advantage of the water system.

In order to relieve the congested traffic existing on Fannin Street between Congress and Preston Avenues, it would be advisable to confer with the county officials and endeavor to have them remove the water troughs from that point to San Jacinto Street, where there is no street car service to interfere. I recommend that the city take some steps to place watering troughs in various parts of the city, in order to divert a portion of this.

On account of the increased business of this department, it became necessary to enlarge the office space. This was accomplished by removing from the room in the south end of the City Hall building to the spacious room on the west side formerly known as the "Assembly Hall," where we are now located.

The old style of bookkeeping has been abolished and a new system established, which has proved more satisfactory to both consumers and the department. Our present system is considered as near perfect as any in use in this city.

The store room and repair shop are entirely too small for the service they were intended for. I think it would be economy to tear down the old pipe shed and small iron-clad building and erect a substantial brick building in their place, large enough to accommodate all of our needs.

The oil tank used as a reservoir for fuel oil being above ground is considered a menace to the plant by insurance experts and should be placed below the ground in a concrete cellar.



The city owns sixteen acres of ground bordering on Buffalo Bayou, which would make a beautiful park, and could be connected with Sam Houston Park. I recommend that \$5,000.00 be appropriated for beautifying this ground and painting the buildings.

On behalf of the Water Department and myself, I take this opportunity to extend thanks to you and my fellow Commissioners, and to the heads of the several municipal departments for the encouraging co-operation and courtesies received during the past year, without which it would hardly have been possible to have brought up and maintained the Water Department to its present efficiency.

Respectfully submitted,

ROBT. L. JONES,  
*Water Commissioner.*

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HOUSTON, TEXAS, March 1, 1911.

HON. ROBERT L. JONES,

*Chairman of the Water Committee, City of Houston.*

DEAR SIR:—I beg to submit herewith my annual report on the operation and condition of the Water Department for the fiscal year ending February 28, 1911.

I wish to invite your attention to the conspicuous features embodied in this report, entitled meters, revenue and expense, and to recommendations relating to continuous installation of meters, erection of new buildings and the laying of laterals. I also wish to call your particular attention to the fact of decreased pumpage, with attendant decreased oil consumption. At the beginning of the fiscal year just ended the daily average pumpage was 8,760,000 gallons, and at this time the department is supplying 12% more consumers and the daily average pumpage is only 7,800,000 gallons. It must be borne well in mind that this saving in pure water is not occasioned because of enforced niggardly economy upon our consumers, which necessitated their deprivation of water for healthful purposes, but is attributed to the fact that waste has been systematically eliminated.

The rapid installation of meters which has been in vogue during the year has unquestionably done more to prevent waste and educate the consuming public to the normal use of water, while incidentally apprising them of the needless and shameful misuse of city water, which has been the universal habit heretofore, than any other known cause. Whatever aversion to meters which has in the past prevailed is now being minimized, because the liberal-minded water users, witnessing the dire effects that our unmetered cities have undergone in the past, now fully realize that only through co-operation with this department can they be assured an adequate supply of pure water for present and future use.

You will find as a part of this report a comparative statement of revenue and expense as compared with the previous fiscal year. We may point with commendable pride to this sheet, as it will be observed that our net operating expenses has been decreased \$11,761.58 over last year, while our revenue has increased \$14,576.13, notwithstanding that, without issuing bonds for the purpose, we have laid 3.2 miles of new mains and supplied hundreds of families with water for domestic and fire service, which have not been accorded this convenience in the past.

The physical condition of the plant and system was never in such standard form. The pumping machinery has been thoroughly overhauled and is now without exception in a state of perfect mechanical efficiency. New electric light machinery was installed at the pumping station, replacing the old electric plant, which had been in service for years and whose capacity was not such as to furnish the requisite number of lights required. The new dynamo is of sufficient power to meet the needs of this pumping station for years in the future.

#### RECOMMENDATIONS.

In view of the fact that the various schools, parks, fire stations, city stables, etc., throughout the city are not very conscientious in the use of water furnished by the Water Department; and further, that in the past we have borne

the expense of supplying this service for which we have not received credit, which must be conceded is both unfair and unjust, I would earnestly suggest that, commencing as early as possible, meters be placed upon all service connections supplying the above properties, and each month after meters have been read and consumption computed, they be charged actual cost of production. If this policy is incorporated I feel safe in predicting that the revenue will increase 5% the first year.

Referring to that territory where mains are now located from three to five blocks apart, and intervening area wherein residents are not accorded the convenience of water service unless they go to considerable expense to lay private pipe from the street where main is to their property, I recommend that three or four-inch laterals be laid along each street not otherwise supplied and connected to the large mains. This, of course, applies to only those districts where water is desired for domestic purposes only. The plan will obviate the expense of laying mains as close as has been the policy in the past, and will, at the same time, furnish service for household utilities and meet all other requirements of this nature. Fire hydrants located on the mains will give ample protection in the event of fires, as the buildings located in this district will be close enough to be benefited by these hydrants. I think it advisable to lay all mains in the future, where conditions do not compel other action, with this end in view.

As a part of this report shown as Exhibit "A", please find detailed figures of the operation and maintenance of this department for the year ended February 28, 1911.

Respectfully,

JNO. B. WILLIAMS,  
*Superintendent.*

**EXHIBIT "A."****Report of the Superintendent.**

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**Construction.****MAINS.**

During the year 16,783 lineal feet of new mains were laid, at a cost of \$19,330.45. Twenty-seven gate valves were set on these lines, making a total now in use of 1,008. The system now comprises 97.8 miles of pipe.

**FIRE PROTECTION.**

There was connected to the new mains 26 triple nozzle fire hydrants, bringing the total now in service to 842. These hydrants were set at a distance of 600 feet apart.

**METERS.**

Thirty-six hundred and eighty-six meters were purchased during the year, and 3,050 installed. Together with the obsolete and damaged meters, we have 948 on hand. Tables explaining the status of the Meter Department in detail are shown on another page of this report. The average cost of setting has been reduced from \$5.60 to \$2.30 for the smaller meters. This is accredited to the systematic and continued setting thereof.

**SERVICE CONNECTIONS.**

Since the first day of March, 1910, 628 service connections were made, ranging in size from three-fourth inch to six-inch. This brings the total number of connections now in use to 7,354.

**Repairs.****MAINS.**

The total sum of \$4,582.54 was expended in repairing broken mains, fire hydrants and stop gates during the year just ended. Much of this amount was spent because of electrolysis. However, the Houston Electric Company is endeavoring to control their electric current so that it will not

come in contact with our mains; whether they will be successful remains to be seen. There are quite a number of mains which are damaged by electrolysis, but which have not yet shown signs of weakening under the pressure they carry. This pipe will eventually have to be relaid. Much money and annoyance may be saved if electrolysis can be obliterated from the cost of maintaining our mains, and if the drivers of street sprinklers were forbidden to use the fire hydrants to obtain water to fill their tanks. Seventy-five per cent of the repairs to hydrants is traceable to the careless and indifferent use which employes of the city, which ordinarily should not be permitted to obtain water from this source, have in the past and are now handling these hydrants. Risers should be placed at convenient corners, and all water for street sprinkling and street flushing should be secured from these only.

#### BUILDINGS AND MACHINERY.

No repairs of any importance have been made to buildings, because of the contemplated erection of brick structures to take their places, which action is proposed in the near future.

The old Worthington pumps were thoroughly overhauled this year, and are now in a state of high mechanical efficiency. With these pumps in the working condition as they are today, the mechanical capacity is far above the demand. Much miscellaneous work has been done at the pumping station, such as repairing suction pipes, re-caulking lead joints, building retaining walls, etc., all of which has tended for the betterment of the plant.

#### METERS.

The Meter Department is still being caused considerable annoyance and expense in cleaning meters because of the sand which is circulated through the mains. By far the greater percentage of meter repairs is laid to the fact that this sand, becoming stirred into action after a fire in the immediate neighborhood, or to the temporary increased water pressure on the mains, flows into the meter with the

water, with the result that the measuring chamber becomes so packed that the disk is prevented from nutating. This does not effect the meter itself, yet it does require that each meter so effected be given individual attention. The proposed settling basins at the pumping station will eliminate all trouble of this nature.

#### SERVICE CONNECTIONS.

Repairs to service connections have diminished to some extent over last year, yet quite a number were repaired because of electrolysis. However, it is gratifying to note that trouble from this source is now decreasing, although there are many connections which are carbonated at this time, but which have shown no signs of weakening. Repairs to curb-cocks are still numerous, despite our efforts to prevent persons not authorized from tampering with them.

#### PUMPAGE.

Following is a table showing average per capita pumpage from 1906 to date. The moral effect that meters are having upon this item is apparent. It is interesting to observe that our maximum pumpage was 9,633,660 gallons daily, and our minimum pumpage was 4,981,490 gallons. At this date the daily pumpage still remains near the last figures.

Year.	Population.	Daily per capita consumption.
1906.....	71,000	155.0
1907.....	78,000	130.0
1908.....	82,000	110.0
1909.....	90,000	100.0
1910.....	100,000	85.0
1911.....	120,000	65.0

TABLE No. 1.

#### Meters Owned by the City.

Sizes.	½ in.	¾ in.	1 in.	1½ in.	2 in.	3 in.	4 in.	6 in.	8 in.	Total
Owned previous to Feb. 28, 1910..	785	617	335	73	0	0	0	0	0	1918
Bought during year.	2408	1087	135	2	18	16	16	3	1	3686
Rec'd in exchange..	10	0	0	0	0	0	0	0	0	10
Totals.....	3203	1704	470	110	91	16	16	3	1	5614
Returned, exchanged	10	0	0	0	0	0	0	0	0	10
Totals.....	3193	1704	470	110	91	16	16	3	1	....
Owned by City Feb. 28, 1911 ...	3193	1704	470	110	91	16	16	3	1	5604

TABLE No. 2.  
Number of Meters Set Monthly, 1910-11.

Month.	No. Set.	No. Taken Out.	Net Gain.
March .....	85	18	67
April .....	11	13	Loss 2
May .....	72	11	61
June .....	84	..	70
July .....	207	21	186
August .....	160	15	145
September .....	340	9	331
October .....	487	7	480
November .....	678	12	666
December .....	469	5	464
January .....	284	9	275
February .....	173	4	169
Totals .....	3050	138	2912

TABLE No. 3.  
Sizes of City Meters in Service.

Sizes.	5-in.	4-in.	1-in.	1½-in.	2-in.	3-in.	4-in.	6-in.	8-in.	Total
In use Feb. 28, 1910.	720	539	240	89	53	0	0	0	0	1641
Set during 1910-11,										
new .....	1981	880	135	17	18	9	6	3	1	3050
Set in exchange....	170	232	70	7	5	0	0	0	0	484
Totals.....	2871	1651	445	113	76	9	6	3	1	5175
Sizes.	5-in.	4-in.	1-in.	1½-in.	2-in.	3-in.	4-in.	6-in.	8-in.	Total
Taken out, discon- tinued .....	45	48	19	12	10	0	1	0	0	135
Taken out, exchange	240	156	68	16	4	0	0	0	0	484
Totals.....	285	204	87	28	14	0	1	0	0	619
In service Feb. 28, 1911 .....	2586	1447	358	85	62	9	5	3	1	4556

TABLE No. 4.  
City Meters on Hand (Not in Service).

Sizes.	5-in.	4-in.	1-in.	1½-in.	2-in.	3-in.	4-in.	6-in.	8-in.	Total
Old .....	122	124	27	21	18	0	0	0	0	312
New .....	404	131	65	2	12	10	12	0	0	636
Totals.....	526	255	92	23	30	10	12	0	0	948

TABLE No. 5.  
Private Meters.

Sizes.	5-in.	4-in.	1-in.	1½-in.	2-in.	3-in.	4-in.	6-in.	8-in.	Total
In use Feb. 28, 1910.	4	1	0	3	9	1	1	1	0	20
Set during the year.	0	9	0	0	0	2	1	4	0	16
Totals.....	4	10	0	3	9	3	2	5	0	36
Taken out .....	0	0	0	0	2	0	0	0	0	2
In use Feb. 28, 1911.	4	10	0	3	7	3	2	5	0	34



TABLE No. 6.

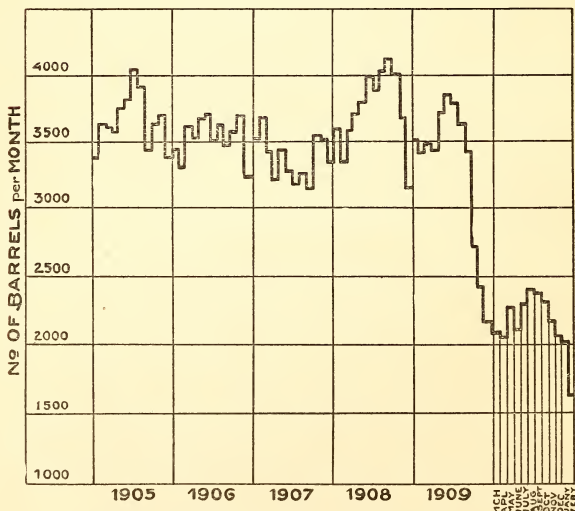
## Cost of Setting.

Size	Number Set	Cost of Meter	Average Cost of Setting	Total Average Cost	Total Cost of Setting	Total Cost
5-inch.....	1981	\$ 8.00	\$ 2.50	\$ 10.50	\$4,952.50	\$20,700.50
4-inch.....	880	10.00	2.55	12.55	2,244.00	11,044.00
1-inch.....	135	16.00	2.80	18.80	378.00	2,538.00
1½-inch.....	17	22.00	2.90	24.90	49.30	423.30
2-inch.....	18	45.00	4.10	49.10	73.80	863.80
3-inch.....	9	80.00	7.00	87.00	63.00	783.00
4-inch.....	6	160.00	11.80	171.80	70.80	1,030.80
6-inch.....	3	350.00	67.50	417.50	202.55	1,252.50
8-inch.....	1	600.00	61.50	661.50	61.50	661.50
Totals..	3050				\$8,095.45	\$39,297.40

## RECAPITULATION.

Number of meters owned by city.....5604  
 Number of private meters..... 34  
 Total number of all meters.....5638

## MONTHLY FUEL OIL CONSUMPTION—1910



JNO B. WILLIAMS  
Supt.

ROBT. L. JONES  
WATER COMMISSIONER



## COMPARATIVE STATEMENT

Of Revenue, Expense and Unexpended Appropriation for the 12 Months Ended February 28, 1910, and February 28, 1911.

	1911.	1910.	Increase.
Net revenue .....	\$224,239.10	\$209,662.97	\$14,576.13
Outstanding accounts .....	48,598.23	40,898.92	7,699.31

	EXPENSE.		Increase
	1911.	1910.	or Decrease
A. Salaries and operation.....	\$ 14,034.50	\$ 12,736.36	\$ 1,298.14
B. Fuel oil .....	25,538.99	36,654.13	*11,115.14
C. Lub. oil, waste and packing....	1,273.20	1,387.49	* 114.29
D. Machinery repairs .....	2,462.61	3,002.28	* 539.67
E. Building repairs .....	370.89	4,442.20	* 4,071.31
F. Other expense, plant.....	3,843.39	1,326.27	2,517.12
G. Office salaries .....	11,335.00	9,971.45	1,363.55
H. Main repairs .....	4,592.54	7,182.59	* 2,590.05
I. Service repairs .....	4,198.37	7,788.85	* 3,590.48
J. Office expense, other.....	2,683.36	2,039.54	643.82
K. Live stock, replace't and keep..	1,166.74	.....	1,166.74
L. Meter repairs .....	3,269.99	.....	3,269.99
Bond interest .....	54,220.00	.....	54,220.00
Total .....	\$128,989.58	\$ 86,531.16	\$42,458.42
Decrease in operating expense (exclusive of bond interest), compared with 1910.....	\$ 74,769.59	\$ 86,531.16	*\$11,761.58
Extraordinary expense .....	88,594.91	81,142.99	7,451.92

## APPROPRIATION.

For bond interest.....	\$55,000.00	
For operation .....	80,000.00	\$135,000.00
Total expended .....		128,898.58
Unexpended .....		\$ 6,101.42

## PUMPING STATISTICS.

- (1) Builders of machinery—Worthington, Ingersoll-Rand, Nordberg and Hooker.
  - (2) Fuel—Fuel oil.
  - (3) Oil consumed for year—27,038.16 barrels.
  - (4) Total pumpage for the year, with slippage—2,859,091,610 gallons.
  - (5) Static head against which pumps work—138.0 feet.
  - (6) Dynamic head against which pumps work—30.0 feet.
  - (7) Average gallons of water pumped per barrel of oil—105,744 gallons.
  - (8) Cost of pumpage, figured on current expenses—\$128,871.61.
  - (9) Cost per million gallons—\$45.07.
  - (10) Maximum daily pumpage—9,633,660 gallons.
  - (11) Minimum daily pumpage—4,981,490 gallons.
- Net cost of works to date—\$1,300,140.35.  
 Bonded debt to date—\$1,001,000.00.  
 Average rate of interest—5.416%.

\* Decrease.

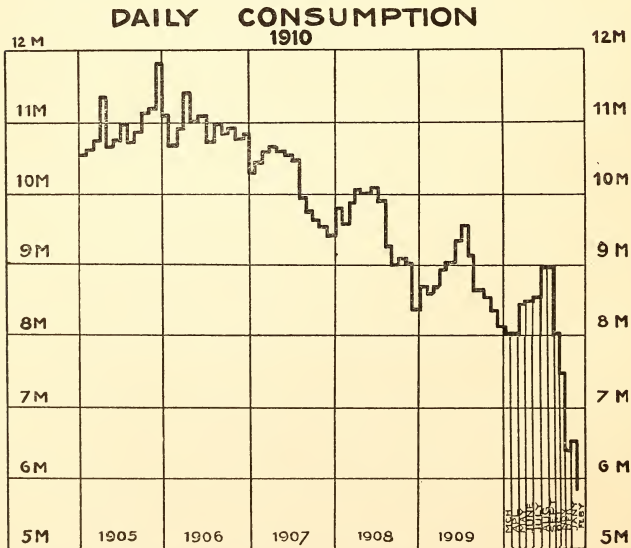
## Mains.

## Statistics Relating to Distribution System.

- (1) Kind of pipe—Cast iron.
- (2) Sizes—4 to 24 inches.
- (3) Extended during year—16,783 lineal feet.
- (4) Discontinued—950 lineal feet.
- (5) Total now in use—97.8 miles.
- (6) Cost of repairs, per mile—\$4.51.
- (7) Number of fire hydrants added during year—26.
- (8) Number of fire hydrants now in use—842.
- (9) Number of stop gates added during year—27.
- (10) Number of stop gates now in use—1008.
- (11) Number of blow offs—2.
- (12) Range of pressure on mains—22 to 50 pounds.

## Services.

- (1) Kind of pipe—Lead, galvanized iron and cast iron.
- (2) Sizes— $\frac{1}{2}$ -inch to 6-inch.
- (3) Extended during year—12,682 lineal feet.
- (4) Discontinued—2080 feet.
- (5) Total now in use—151,848 lineal feet.
- (6) Average length of each service—21 feet.
- (7) Average cost—\$15.85.
- (8) Number added during the year—628.
- (9) Number now in use—7354.
- (10) Percentage of services metered—61%.
- (11) Percentage of receipts from metered water—49%.



**JNO B. WILLIAMS**  
SUPT.

**ROBT L. JONES**  
WATER COMMISSIONER

**EXHIBIT "B."****Report of Chief Engineer.**

HOUSTON, TEXAS, March 1, 1911.

MR. ROBERT L. JONES,

*Water Commissioner, City of Houston.*

DEAR SIR:—I respectfully submit to you my annual report, showing the operation and present condition of the water plant for the fiscal year ending February 28, 1911.

During the past year the pumping machinery has been thoroughly overhauled and is now in first-class mechanical condition. No further anxiety may be felt in this regard in the future. New electric light machinery was installed, giving ample power for all lights which may be needed in the future. Many miscellaneous repairs have been made, which have been duly reported.

Below you will find report of pumpage and fuel oil consumption, by months, from March 1, 1910, to February 28, 1911.

**PUMPAGE AND FUEL OIL.**

	MARCH, 1910.	Gallons.	Gallons.
Amount of water pumped by Nordberg engine..	243,702,480		
Amount of water pumped by Engine No. 764....	2,263,680		
Amount of water pumped by Engine No. 330....	1,326,080		
Total water pumped.....			247,292,240
Average water pumped per day.....	7,977,169		
Average pressure at pumps.....		57 pounds.	
Average suction lift.....		6 feet.	
<i>Fuel Oil—</i>			Barréls.
7 cars of fuel oil received this month, amounting to.....			2,130
Amount of oil in storage March 1, 1910.....			2,238
Amount of oil in storage April 1, 1910.....			2,294
Amount of oil burned during March.....			2,074
Average amount of oil burned per day.....			66.90
	APRIL, 1910.	Gallons.	Gallons.
Amount of water pumped by Nordberg engine..	235,378,320		
Amount of water pumped by Engine No. 764....	3,041,820		
Amount of water pumped by Engine No. 330....	1,582,080		
Total water pumped.....			240,002,220
Average pumped per day.....	8,000,074		
Average pressure .....		56 pounds	
Average suction lift.....		6 feet	

<i>Fuel Oil—</i>	Barrels.
7 cars fuel oil received this month, amounting to.....	2,083.62
Amount of fuel oil in storage April 1st, 1910.....	2,294
Amount of fuel oil in storage May 1st, 1910.....	2,350
Amount of fuel oil consumed for month.....	2,027
Amount of fuel oil consumed per day.....	67.56

MAY, 1910.	Gallons.	Gallons.
Amount of water pumped by Nordberg engine..	260,640,600	
Amount of water pumped by Engine No. 764....	704,780	
Amount of water pumped by Engine No. 330....	483,840	
Total water pumped.....		261,829,220
Average per day.....	8,446,104	
Average pressure .....		56 pounds
Average suction lift.....		6 feet

<i>Fuel Oil—</i>	Barrels.
8 cars of fuel oil received this month, amounting to.....	2,415
Amount of oil in storage May 1st, 1910.....	2,350
Amount of oil in storage June 1st, 1910.....	2,266
Amount of oil consumed for month.....	2,550
Amount of oil consumed per day.....	82.26

JUNE, 1910.	Gallons.	Gallons.
Amount of water pumped by Nordberg engine..	247,345,310	
Amount of water pumped by Engine No. 764....	5,371,000	
Amount of water pumped by Engine No. 330....	2,726,000	
Total water pumped.....		255,442,710
Average per day.....	8,514,757	
Average pressure .....		56 pounds
Average suction lift.....		5½ feet

<i>Fuel Oil—</i>	Barrels.
Received 5 cars of fuel oil this month, amounting to.....	2,416.61
Amount of oil in storage June 1st, 1910.....	2,266
Amount of oil in storage July 1st, 1910.....	2,405
Amount of oil burned this month.....	2,277.61
Average amount burned per day.....	76

JULY, 1910.	Gallons.	Gallons.
Amount of water pumped by Nordberg engine..	257,203,230	
Amount of water pumped by Engine No. 764....	5,428,640	
Amount of water pumped by Engine No. 330....	2,401,280	
Total water pumped.....		265,033,150
Average per day.....	8,549,456	
Average pressure .....		57 pounds
Average suction lift.....		6 feet

<i>Fuel Oil—</i>	Barrels.
8 cars fuel oil received this month, amounting to.....	2,263.90
Amount of oil in stock July 1st, 1910.....	2,405
Amount of oil in stock August 1st, 1910.....	2,154
Amount of oil consumed this month.....	2,514.90
Amount of oil consumed per day.....	81

	AUGUST, 1910.	Gallons.	Gallons.
Amount of water pumped by Nordberg engine..	280,154,020		
Amount of water pumped by Engine No. 764....	1,338,820		
Amount of water pumped by Engine No. 330....	550,400		
Total water pumped.....			282,043,240
Average per day.....	9,098,169		
Average pressure .....	55	pounds	
Average suction lift.....	8.25	feet	

<i>Fuel Oil—</i>	Barrels.
6 cars fuel oil received this month, amounting to.....	1,796.88
Amount of oil in storage August 1st, 1910.....	2,154
Amount of oil in storage September 1st, 1910.....	1,329
Amount of oil consumed this month.....	2,621.88
Amount of oil consumed per day.....	84.58

	SEPTEMBER, 1910.	Gallons.	Gallons.
Amount of water pumped by Nordberg engine..	265,812,840		
Amount of water pumped by Engine No. 764....	3,309,060		
Amount of water pumped by Engine No. 330....	952,320		
Total water pumped.....			270,074,220
Average per day.....	9,002,474		
Average pressure .....	55	pounds	
Average suction lift.....	6	feet	

<i>Fuel Oil—</i>	Barrels.
10 cars fuel oil received this month, amounting to.....	2,796.78
Amount of oil in storage September 1st, 1910.....	1,329
Amount of oil in storage October 1st, 1910.....	1,566.66
Amount of oil consumed this month.....	2,559.12
Amount of oil consumed per day.....	85.30

	OCTOBER, 1910.	Gallons.	Gallons.
Amount of water pumped by Nordberg engine..	233,508,800		
Amount of water pumped by Engine No. 764....	10,935,960		
Amount of water pumped by Engine No. 330....	5,407,020		
Total water pumped.....			249,851,780
Average per day.....	8,059,735		
Average pressure .....	56	pounds	
Average suction lift.....	8.25	feet	

<i>Fuel Oil—</i>	Barrels.
9 cars fuel oil received this month, amounting to.....	2,489.59
Amount of oil in storage October 1st, 1910.....	1,566.66
Amount of oil in storage November 1st, 1910.....	1,392
Amount of oil consumed this month.....	2,664.25
Amount of oil consumed per day.....	86

	NOVEMBER, 1910.	Gallons.	Gallons.
Amount of water pumped by Nordberg engine..	221,344,650		
Amount of water pumped by Engine No. 764....	1,281,180		
Amount of water pumped by Engine No. 330....	6,623,680		
Total water pumped.....			223,249,510
Average per day.....	7,441,650		
Average pressure .....		56 pounds	
Average suction lift.....		8 feet	

<i>Fuel Oil—</i>	Barrels.
7 cars of fuel oil received this month, amounting to.....	2,129.52
Amount of oil in storage November 1st, 1910.....	1,392
Amount of oil in storage December 1st, 1910.....	1,174
Amount of oil consumed this month.....	2,347.52
Amount of oil consumed per day.....	78.25

	DECEMBER, 1910.	Gallons.	Gallons.
Amount of water pumped by Nordberg engine..	170,851,610		
Amount of water pumped by Engine No. 764....	26,488,200		
Amount of water pumped by Engine No. 330....	739,740		
Total water pumped.....			198,079,550
Average per day.....	6,389,663		
Average pressure .....		57 pounds	
Average suction lift.....		8 feet	

<i>Fuel Oil—</i>	Barrels.
8 cars fuel oil received this month, amounting to.....	2,371.81
Amount of oil in storage December 1st, 1910.....	1,174
Amount of oil in storage January 1st, 1911.....	1,468.75
Amount of oil consumed this month.....	2,077.06
Amount of oil consumed per day.....	67

	JANUARY, 1911.	Gallons.	Gallons.
Amount of water pumped by Nordberg engine..	203,508,110		
Amount of water pumped by Engine No. 330....	957,440		
Total water pumped.....			204,465,550
Average per day.....	6,595,663		
Average pressure .....		57 pounds	
Average suction lift.....		8 feet	

<i>Fuel Oil—</i>	Barrels.
7 cars received this month, amounting to.....	2,119.60
Amount of oil in storage January 1st, 1911.....	1,468.75
Amount of oil in storage February 1st, 1911.....	1,533
Amount of oil consumed this month.....	2,055.35
Amount of oil consumed per day.....	66.30

FEBRUARY, 1911.	Gallons.	Gallons.
Amount of water pumped by Nordberg engine.....	153,020,610	
Amount of water pumped by Engine No. 764....	8,016,050	
Amount of water pumped by Engine No. 330....	691,460	
Total water pumped.....		161,728,120
Average per day.....	5,776,004	
Average pressure .....		56 pounds
Average suction lift.....		8 feet

<i>Fuel Oil—</i>	Barrels.
6 cars of fuel oil received this month, amounting to.....	1,771.31
Amount of oil in storage February 1st, 1911.....	1,533
Amount of oil in storage March 1st, 1911.....	1,574.86
Amount of oil consumed this month.....	1,729.45
Amount of oil consumed per day.....	61.76

#### FIRE ALARMS.

Number of fire alarms received.....	35
Number of second alarms received.....	1
Number of third alarms received.....	2
Number of fourth alarms received.....	1

#### RECOMMENDATIONS.

I would recommend that the standpipe be repainted, as it is leaking in the seams in several places.

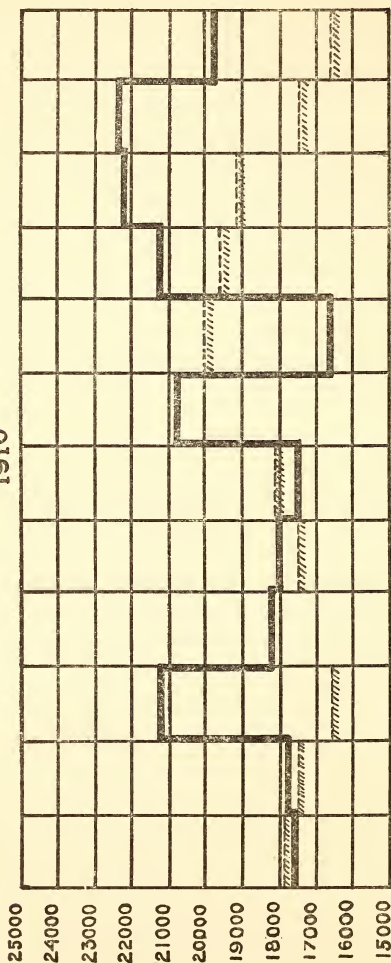
An oil filter for lubricating oils is badly needed and I suggest that one be purchased.

Very truly yours,

C. G. BYRNE,  
Chief Engineer.



# MONTHLY EARNINGS 1910



March April May June July Aug Sept Oct. Nov. Dec Jan'y Feb'y  
Heavy Lines are 1910 Monthly Earnings  
Dotted " " 1909

JNO B. WILLIAMS  
Supt.

ROBT. L. JONES  
Water Commissioner

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ANNUAL REPORT

OF

W. J. KOHLHAUFF,

CHAIRMAN FIRE COMMITTEE,

*For the Year Ending February 28, 1911.*

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## REPORT OF FIRE COMMITTEE.

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HOUSTON, TEXAS, March 1, 1911.

TO THE HON. H. B. RICE,  
*Mayor of the City of Houston.*

DEAR SIR:—I herewith respectfully submit to you the annual report of the Fire Department.

This has been a very busy year for this department, owing to the great amount of improvements which required our attention.

All of our steamers were inspected by an expert engineer from the National Board of Underwriters, and four of them were found to be in bad shape. These steamers were immediately sent to the machine shop and put in first-class condition; the rest received minor repairs, as the expert engineer recommended, so that now all of our steamers are in good condition. We added to the department this year one extra first size steamer, the largest in this section of the State, which has given entire satisfaction. For this steamer we have purchased 2,500 feet of 3-inch hose, this providing an immense volume of water when needed at a large fire in the business section of our city.

We also purchased the latest improved combination hose and chemical wagon.

In addition to the 2,500 feet of 3-inch hose purchased for the large steamer, we also secured 3,500 feet of 2 1/2-inch hose for the other steamers. This amount of new hose will be abundant for some time.

Engine House No. 2, at the corner of Preston and Sampson Streets, has been completed and fully equipped with apparatus and men. This is a handsome structure, up-to-date in every respect, and is of great value to that portion of the city.

The most disastrous fire of the past year was what was known as the "Carbide" fire, which occurred on September 27, 1910, at 10:45 p. m. This was the Houston Transfer and Carriage Company's storage warehouse on Wood Street.

In this building was stored a large amount of calcium carbide, which, when it came in contact with the water poured into the building, burned fiercely, and can after can of it exploded—making it very dangerous for the firemen to get close to it. About sixty of our men were burned about their feet and limbs by this carbide, and three were severely injured by the explosion of same.

We have since passed an ordinance regulating the storage of calcium carbide, which has been copied by a number of larger cities, and in the future we will have no more trouble with it.

The number of alarms have decreased about 15 1/2 per cent over last year. Most of these alarms were for flue fires.

At present we have in active service 104 men, 30 apparatuses and 51 horses.

The overhead wires with which the department has been hampered in the past are rapidly being placed under ground.

There has been added to this department a fire marshal. This appointment and the excellent work the Fire Department has rendered the city has been instrumental in Houston having its key rate reduced from 35 cents to 28 cents, and the rate on residence property has been reduced one-third. This is very gratifying to this department.

#### RECOMMENDATIONS.

I recommend the immediate purchase of an up-to-date Aerial truck. The one now in service was purchased long years ago, and is far behind the times. It could be cut down and used for a service truck, to be placed in the south end of the city, where one is badly needed.

The construction of a new engine house in the southern part of the city, and its full equipment at an early date, is another recommendation I now make.

In conclusion, I would recommend an addition of fifty fire alarm boxes for the residence portion of our city.

Respectfully,

W. J. KOHLHAUFF,  
*Fire Commissioner.*

**REPORT OF FIRE MARSHAL.**

HOUSTON, TEXAS, March 1, 1911.

TO THE HON. H. B. RICE,

*Mayor of the City of Houston.*

DEAR SIR:—I herewith present to you my first annual report as Fire Marshal for the fraction of the year, commencing April 12, 1910.

Owing to the fact that there was no ordinance defining the duties of the office and everything appertaining thereto, and the office being new to me and having to have my record blanks printed, my report only shows from April 25, 1910.

I have been somewhat handicapped by having everything appertaining to the duties of the office to learn as I went along, but I have met with a hearty co-operation from the insurance agents and the citizens in general in responding cheerfully when I called upon them, without having to file a single complaint.

I also wish to express my gratitude to the Honorable Mayor, Commissioners, Chief and both of the Assistant Chiefs of the Fire Department for the many favors shown me.

I recommend an ordinance governing the storage and handling of gasoline, engine naphtha and other explosive fluids.

I also recommend an ordinance regulating the cleaning of chimneys and flues, which, in my opinion, will decrease the roof fires and lessen the runs of the Fire Department 60 per cent.

Respectfully,

E. R. PARKER,

*Fire Marshal.***FIRE MARSHAL'S REPORT.**

Amount of property involved.....	\$2,239,177.35
Amount of insurance on property.....	1,222,251.86
Damage to property.....	325,806.04
Amount of insurance paid.....	172,707.65

## FIRE CHIEF'S REPORT.

HOUSTON, TEXAS, March 1, 1911.

TO THE HON. H. B. RICE, *Mayor*,  
and  
W. J. KOHLHAUFF, *Fire Commissioner City of Houston, Tex.*

GENTLEMEN:—I have the honor of submitting this, my annual report of the Fire Department, for the year ending February 28, 1911.

In submitting to you this report I have made only a short account of the progress of the department, owing to the report of Fire Commissioner Kohlhauff, which will cover all details of the department, showing improvements and recommendations for the coming year.

During the past year we have added one new station, No. 2, at the corner of Preston and Sampson Streets, and have equipped it with a combination hose and chemical wagon, formerly used by No. 1 Company, and a fourth size steamer, formerly used at No. 10 station.

We have put No. 2 steamer from Central Station at No. 10's house, replacing the steamer sent to No. 2.

We have placed an extra first size American-La France steamer and a combination hose and chemical wagon equipped with 3-inch hose at Central Station, which enables us to handle a very large volume of water at our fires in the business district.

I note, with a great deal of pride, that our fire losses have decreased about 15 1/2 per cent for the past year.

The automobile chemical added to the department last year is still rendering very valuable service, and has proven to be an indispensable apparatus, as it handles a large per cent of the fires before the horse-drawn apparatus arrives at the scene of fire.

I wish to thank your Honor, the Mayor, and Commission-

ers, for the increase in salaries, as it enables me to secure and retain a better class of firemen.

There has been added by the Water Department twenty-seven new fire hydrants, which has increased the fire protection about 3 1/2 per cent.

I wish to extend my thanks to City Electrician George and the Electrical Department for their assistance to myself and the Fire Department, especially for service rendered by the uninterrupted and perfect working service of the fire alarm system under that department.

I also wish to extend thanks to Chief Ray and officers of the Police Department for their valued assistance rendered this department at all fires.

In conclusion, I wish to extend my thanks to His Honor, the Mayor, and Fire Commissioner Kohlhauff and the other Commissioners for their valuable assistance in my behalf in the discharge of my duty as Chief of the Fire Department.

Very respectfully submitted,

R. F. OLLRE,  
*Chief.*



**Cost of Maintaining and Operating the Fire Department for the Fiscal Year Ending February 28th, 1911.**

Salaries .....	\$ 92,700.90
Repairs and renewals of buildings.....	2,690.51
Repairs and renewals of furniture and bedding..	39.55
Repairs and renewals of equipment.....	14,777.71
Live stock, renewals and maintenance.....	7,057.03
Fuel for engines.....	1,411.75
Lubricants and other engine supplies.....	707.45
Chemicals .....	236.24
Light and heat .....	2,406.28
Stationery and printing.....	184.55
Other .....	2,231.79
<b>Total .....</b>	<b>\$124,443.76</b>

**Fire Alarms During the Fiscal Year Ending February 28th, 1911.**

		Box	Telephone	Total		
		Alarms	Alarms	Alarms	A.M.	P.M.
March,	1910.....	10	37	47	27	20
April,	" .....	24	36	60	37	23
May,	" .....	7	28	35	11	24
June,	" .....	9	19	28	4	24
July,	" .....	8	24	32	10	22
August,	" .....	5	19	24	9	15
September	" .....	18	26	44	19	25
October,	" .....	12	48	60	28	32
November,	" .....	5	54	59	19	40
December,	" .....	11	73	84	33	51
January,	1911.....	15	63	78	23	55
February,	" .....	10	38	48	13	35
Totals .....		134	465	599	233	366

## Causes of Fires During the Year Ending February 28, 1911.

CAUSE	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Total
Cigarette.....				1			1	1	1				4
Candle too near wall.....												1	1
Electric wires crossed.....				1	1								2
Dynamo burning out.....											1		1
Flues.....	17	3	2	1	1		4	8	6	21	14	8	85
False alarms.....		4	3	1	4	1	3	4	1	1	7	4	33
Fireworks.....										4			4
Fire place defective.....									1				1
Furnace.....		1						1	1		4		7
Furnace on floor.....					1	3							4
Gasoline explosion.....		2	3	1	3		4	1	1	3			18
Gasoline stove.....						1				2			3
Gasoline.....		1											1
Gas jet.....		2			1			1					4
Gas pipe explosion.....	1									1			2
Grass on fire.....							1	2	4	5	6		18
Gas stove explosion.....		2											2
Gas leaking.....				1				2					3
Hot ashes.....									1	1			2
Hot box ignited.....								1					1
Incendiary origin.....	2	4	1	1				1		3	1	2	15
Lightning.....			3										3
Lamp.....								1					1
Lamp explosion.....	2		1			1	2	2	1				10
Matches, rats playing with.....					1				2	1			4
Matches, children playing with.....	2		1	1					2	1	2	1	10
Matches.....		2					2	1			2		7
Oil in ditch.....				1			1		1		1		4
Oil stove explosion.....												1	1
Oil can explosion.....									1				1
Sparks from flues.....	9	13	8	4	5	1	7	6	7	15	16	15	106
Sparks from fires.....								1		1	1	3	6
Sparks from Locomotives.....		2		1				2			1	1	7
Stove overheated.....	1					2	1		1	1	1	1	8
Spontaneous combustion.....	3		1	1				4	3	1		1	14
Trash.....	1	4	5	2		2	1	1	1	1	2		20
Unknown.....	7	6	7	4	13	8	19	15	10	7	10	11	117
Wiring defective.....		1								2		1	4
Flues defective.....	2	8	2	2	1	3		6	13	8	3		48
Awning fires.....									1				1
Adjoining house.....	4	9	3	7	10		4	2		4	7	7	57
Auto gasoline explosion.....		1											1
Lamp wicks burning on gallery.....		1											1
Smoking Mosquitoes.....		1	1	1									3
Fire place.....		1											1
Smoke Stack, sparks from.....		1		3								2	6
Sparks from Emery Wheel.....				1									1
Mosquito bar blown into gas jet.....					1						1		2
Sparks falling into Engine Pit.....						1							1
Pole on fire.....									1	1			2
Drying kindling on boiler.....											1		1
Sack on steam pipe.....											1		1
Lamp too close to wall.....											1		1
Totals.....	51	69	41	35	41	24	50	63	59	86	83	59	661

## Insurance Statistics.

Value of buildings.....	\$3,865,385.00
Value of stock or furniture.....	4,700,519.84
Total value of property involved.....	<u>\$8,565,904.84</u>
Insurance on buildings.....	\$1,311,785.00
Insurance on stock or furniture.....	999,275.00
Total insurance on buildings and contents.....	<u>\$2,311,060.00</u>
Damage to insured buildings.....	\$ 117,183.90
Damage to uninsured buildings.....	7,189.50
Damage to insured stock or furniture.....	92,945.29
Damage to uninsured stock or furniture.....	7,066.50
Total damage to buildings and contents.....	<u><u>\$ 224,385.19</u></u>

Character of Buildings Damaged During the Fiscal Year Ending  
February 28, 1911.

Month		Frame Buildings	Brick Buildings	Other than Buildings
March, 1910.....		43	3	5
April, " .....		54	5	7
May, " .....		30	2	4
June, " .....		28	3	3
July, " .....		31	15	1
August, " .....		18	3	3
September, " .....		39	2	5
October, " .....		47	3	9
November, " .....		41	3	11
December, " .....		72	4	9
January, 1911.....		57	7	13
February, " .....		50	4	..
		<u>510</u>	<u>54</u>	<u>70</u>

## Water Hydrants.

Number of fire hydrants in the city..... 843

The new water mains installed include the setting of twenty-seven new fire hydrants, making a total of 843, and increasing the fire protection  $3\frac{1}{2}\%$ .

**Services Performed by the Fire Department During the Fiscal Year  
Ending February 28, 1911.**

COMPANY		Fires Attended	Miles From Station	Feet Hose Used	Feet Ladders Used	Gallons Chemicals Used	Time at Work— Hours
Chief's Auto.....		333					
Chemical Auto.....	No. 1	333	339.00	26,770	320	6,228	97.50
Hose Co.....	No. 1	161	133.50	36,250	12	309	514.75
Hose Co.....	No. 2	36	85.25	12,300	192	265	90.75
Hose Co.....	No. 3	114	123.25	24,650	400	24	144.00
Hose Co.....	No. 5	143	129.50	39,200	981	93	193.25
Hose Co.....	No. 6	168	160.50	25,850	708	84	159.25
Hose Co.....	No. 7	143	135.25	28,300	407	39	163.75
Hose Co.....	No. 8	222	226.50	40,650	396	54	211.15
Hose Co.....	No. 9	108	136.50	25,450	362	93	122.00
Hose Co.....	No. 10	179	160.25	33,750	540	66	189.75
Steamer Co (extra).....	No. 1	41	27.00				41.00
Steamer Co.....	No. 1	63	40.75				100.00
Steamer Co.....	No. 2	31	55.00				70.00
Steamer Co.....	No. 5	83	67.75				137.50
Steamer Co.....	No. 6	135	130.75				112.75
Steamer Co.....	No. 7	94	87.25				113.00
Steamer Co.....	No. 8	128	111.25				125.50
Steamer Co.....	No. 9	55	63.50				126.75
Steamer Co.....	No. 10	121	109.75				142.00
Chemical Co.....	No. 3	110	121.25	4,850	40	2,460	133.75
Hook and Ladder Truck Co.....	No. 9	160	229.75		3,662	39	180.00
Aerial Truck Co.....	No. 1	7	3.25		316		18.50
Hook and Ladder Truck Co.....	No. 1	333	381.25		9,740		282.75
Hose Reel in reserve.....	2		3.75	5,000			27.00
Total.....		2,990	3,061.75	303,220	18,076	9,754	3,496.65

**Comparative Statement of Alarms and Number of Men Employed.**

Year	No. of Men Employed	No. of Alarms
1898 .....	55	226
1899 .....	55	259
1900 .....	60	298
1901 .....	62	297
1902 .....	59	300
1903 .....	61	258
1904 .....	65	391
1905 .....	65	364
1906 .....	65	396
1907 .....	65	498
1908 .....	83	636
1909 .....	100	709
1910 .....	104	599

Force of the Fire Department for the Year Ending February 28, 1911.

	Amount Per Month	Salary
1 Chief .....	\$200.00	\$ 2,400.00
1 1st Assistant Chief.....	150.00	1,800.00
1 2nd Assistant Chief.....	110.00	1,320.00
1 Captain .....	100.00	1,200.00
1 Mechanical Engineer .....	100.00	1,200.00
1 Engineer and Veterinarian.....	100.00	1,200.00
1 Fire Marshal .....	100.00	1,200.00
8 Captains .....	90.00	8,640.00
6 Engineers .....	90.00	6,480.00
2 Chauffeurs .....	90.00	2,160.00
1 Secretary .....	80.00	960.00
51 Firemen, 1 year or more.....	72.50	54,370.00
29 Firemen, less than one year.....	65.00	22,620.00
		<u>\$105,350.00</u>

Apparatus.

We have thirty in service, located at the various Stations, as follows:

Apparatus	No.	Location
1 Chief's automobile .....	—	Central Station
1 Combination hose wagon (steel).....	1	Central Station
1 Extra first size Metropolitan steamer.....	1	Central Station
1 Chemical automobile .....	1	Central Station
1 Seagrave hook and ladder truck.....	1	Central Station
1 Hayes aerial truck, 75-foot.....	1	Central Station
1 First size Continental steamer.....	1	Central Station
2 Assistant Chief's buggies.....	—	Central Station
1 Hose reel (in reserve).....	—	Central Station
1 Combination hose wagon.....	2	Station No. 2
1 Fourth size La France steamer.....	2	Station No. 2
1 Hose wagon .....	3	Station No. 3
1 Double 60-gallon Holloway chemical.....	3	Station No. 3
1 Chief's buggy .....	—	Station No. 3
1 Supply wagon .....	23	Station No. 3
1 Hose wagon .....	5	Station No. 5
1 Third size La France steamer.....	5	Station No. 5
1 Hose wagon .....	6	Station No. 6
1 Fourth size La France steamer.....	6	Station No. 6
1 Hose wagon .....	7	Station No. 7
1 Fourth size La France steamer.....	7	Station No. 7
1 Hose wagon .....	8	Station No. 8
1 Third size Clapp & Jones steamer.....	8	Station No. 8
1 Hose wagon .....	9	Station No. 9
1 Fourth size Continental steamer.....	9	Station No. 9
1 Preston hook and ladder truck.....	9	Station No. 9
1 Fire Marshal's buggy.....	—	Station No. 9
1 Hose wagon .....	10	Station No. 10
1 Second size La France steamer.....	10	Station No. 10

## Size and Dimensions of Steam Fire Engines and Date Placed in Service.

Date Placed in Service	Steamer No.	Make	Size	Boiler	Cylinder Steam	Pumps	Stroke	Capacity of Water per Minute
1910	1	Metropolitan.....	Ex. 1st	38x68	9 $\frac{1}{2}$	5 $\frac{3}{4}$	9	1,100
1908	1	Continental.....	1st	36x72	9	5 $\frac{1}{2}$	8	900
1895	2	La France.....	2nd	33x60	7 $\frac{3}{4}$	4 $\frac{1}{2}$	9	700
1894	5	La France.....	3rd	30x62	7 $\frac{1}{4}$	4 $\frac{1}{4}$	8	600
1901	6	La France.....	4th	28x72	6 $\frac{3}{4}$	4	7	500
1901	7	La France.....	4th	28x72	6 $\frac{3}{4}$	4	7	500
1896	8	Clapp & Jones.....	3rd	30x62	7	4 $\frac{1}{2}$	8	600
1908	9	Continental.....	4th	30x66	6 $\frac{1}{2}$	4	8	500
1901	10	Metropolitan.....	4th	30x60	6 $\frac{1}{2}$	4	7	500

## Horses in Service Year Ending February 28, 1911.

	No.
Central Station .....	10
Fire Station No. 2.....	4
Fire Station No. 3.....	7
Fire Station No. 5.....	4
Fire Station No. 6.....	4
Fire Station No. 7.....	4
Fire Station No. 8.....	5
Fire Station No. 9.....	7
Fire Station No. 10.....	5
Fire Marshal .....	1
Total .....	51

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ANNUAL REPORT

OF

JACK KENNEDY,

CHAIRMAN STREET AND BRIDGE  
COMMITTEE,

*For the Year Ending February 28, 1911.*

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## REPORT OF STREET AND BRIDGE COMMITTEE.

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HOUSTON, TEXAS, March 1, 1911.

TO THE HON. H. B. RICE,  
*Mayor City of Houston.*

DEAR SIR:—I herewith respectfully submit to you the annual report of the work done by the Street and Bridge Department for the fiscal year ending February 28, 1911, which I regard as a creditable showing, and trust a satisfactory one to your Honor and the citizens in general.

Considerable new work has been done in the new additions to the city, such as grading streets, opening new streets, etc.

This department has given much attention to keeping the paved streets of the city clean, and has installed a very good system of sweeping and afterwards hauling the dirt away.

The holes in dirt and graveled streets have been kept in good order by constantly filling them, and the department maintains three carts for that purpose.

There are many minor items of work done by this department that are not recorded.

The following is a list of streets which are swept every night:

Main Street, from Franklin to Berry Avenue.  
Travis Street, from Franklin to Leeland Avenue.  
Milam Street, from Franklin to Dallas Avenue.  
Fannin Street, from Franklin to McKinney Avenue.  
San Jacinto Street, from Commerce to McKinney Avenue.  
Congress Avenue, from Milam to Crawford Street.  
Franklin Avenue, from Louisiana to Austin Street.  
Preston Avenue, from Austin Street to Washington Avenue.  
Prairie Avenue, from Milam to Crawford Street.  
Texas Avenue, from Milam to Caroline Street.  
Capitol Avenue, from Milam to Caroline Street.  
Rusk Avenue, from Milam to Caroline Street.  
Walker Avenue, from Milam to Caroline Street.  
Willow Street, from San Jacinto Street Bridge to Walnut Street.  
Washington Avenue, from Franklin Street Bridge to Tenth Street.

The following is a list of streets which are swept twice weekly :

Washington Avenue, from Tenth to Brashear Street.  
Liberty Avenue.  
McKee Street.  
Conti Street.  
Odin Avenue.  
Lyons Avenue.  
Hardy Street, from Conti to Noble Street.  
Houston Avenue, from Washington Avenue to Spring Street.  
Harrisburg Road, from I. & G. N. Tunnel to Milby Street.

The following is a list of streets which are swept three times weekly :

Main Street, from Berry to Cleburne Avenue.  
Franklin Avenue, from Austin to Chartres Street.  
Texas Avenue, from Caroline to Hamilton Street.  
McKinney Avenue, from Bagby to Chartres Street.

The following is a list of streets which are swept weekly :

San Jacinto Street, from McKinney to McGowen Avenue.  
Leeland Avenue, from Louisiana to Crawford Street.  
McGowen Avenue, from Milam to Crawford Street.  
Crawford Street, from Commerce to McGowen Avenue.  
Montgomery Avenue, from Wood to James Street.  
Sabine Street, from Washington Avenue to Sabine Street Bridge.  
Heiner Street, from Sabine Street Bridge to San Felipe Street.  
Preston Avenue, from Austin Street to I. & G. N. Tunnel.

The following is a list of streets sprinkled daily :

McKinney Avenue, from Bagby to Hutchins Street.  
Milam Street, from Commerce to McGowen Avenue.  
Bagby Street, from McKinney Avenue to San Felipe Street.  
Lamar Avenue, from Louisiana Street to City Park.  
Dallas Avenue, from Milam Street to City Park.  
Walker Avenue, from Milam to Caroline Street.  
Rusk Avenue, from Milam to Caroline Street.  
Capitol Avenue, from City Jail to Caroline Street.  
Texas Avenue, from Milam to Crawford Street.  
Main Street, from McKinney to Berry Avenue.  
Prairie Avenue, from Milam to Caroline Street.  
Preston Avenue, from Washington Avenue to Caroline Street.  
Congress Avenue, from Louisiana Street to I. & G. N. R. R. Depot.

Franklin Avenue, from Bridge to Chartres Street.  
 Main Street, from Commerce to McKinney Avenue.  
 Travis Street, from Commerce to Dallas Avenue.  
 Fannin Street, from Franklin to McKinney Avenue.  
 San Jacinto Street, from Preston Avenue to H. E. & W. T. R. R. Co.  
 Commerce Avenue, from San Jacinto to Milam Street.  
 San Felipe Street, from Heiner to Smith Street.  
 Dallas Avenue, from Smith to Milam Street.

The department has filled the large gully on Crosby Street and made the street perfectly level; also filled the gully at the corner of Walker and Bagby Streets.

The following is a list of the street bridges and foot crossings laid down during the past year:

Street bridges .....	1,010
Foot crossings .....	971

The department also laid:

Drains .....	14
Culverts .....	6
Bulkheads .....	8
Street foot steps.....	9

During the past year the department has maintained a systematic method of ditching and can show the good result of ditching 2,671 blocks; this work was done by the ditching gangs and does not include the ditching done by the grading gang.

The following is a list of streets graded during the past year:

Graded and shelled Main Street, from Wharf to Commerce Avenue.  
 St. Agatha Street, in Oak Lawn Addition.  
 St. Augustine Street, in Oak Lawn Addition.  
 Milby Street.  
 Sherman Street, from Milby Street to Oak Lawn.  
 Texas Avenue, from Milby Street to S. A. & A. P. R. R.  
 York Street, from Commerce Avenue to Engelke Street.  
 Holman Street.  
 York Street, from G. H. & H. R. R. to Harrisburg Road.  
 St. Emanuel Street, from McGowen to Elgin Avenue.  
 Baker Street, from Milby Street to Southern Pacific R. R.  
 Milby Street, from Arnold to Huntington Street.

Huntington Street, from Milby Street to S. P. R. R.  
Bomar Street, from Milby Street to S. P. R. R.  
Cleveland Street, in Oak Lawn Addition.  
Orrine Street, in Oak Lawn Addition.  
Bell Avenue, from Scott to Milby Street.  
Dallas Avenue, from Scott to Milby Street.  
Edmundson Street, from Leeland to Dallas Avenue.  
Polk Avenue, from Scott to Milby Street.  
Winchester Street, from Milby to Hussion Street.  
St. Charles Street, from Leeland to Calhoun Avenue.  
Highland Avenue, from Houston Avenue to White Oak Bayou.  
Payne Avenue, from Houston Avenue to White Oak Bayou.  
Hooker Street, from Houston Avenue to White Oak Bayou.  
Louisiana Street, from Prairie to Texas Avenue.  
Jefferson Avenue, from Main to Fannin Street.  
Newhoff Street, from Clark to Schuller Street.  
Quitman Street, from Clark Street to I. & G. N. R. R.  
Smith Street, from Prairie to Preston Avenue.  
Prairie Avenue, from Louisiana to Smith Street.  
Chartres Street, from Preston to Congress Avenue.  
Hardcastle Street, from Heiner to Crosby Street.  
Schuller Street, from Quitman to Newhoff Street.  
Everett Street, from Henry Street to Boundary Avenue.  
Morris Street, from Montgomery Avenue to Gentry Street.  
Grove Street, from St. Charles to Gillespie Street.  
St. Charles Street, from Bayou to Grove Street.  
Gillespie Street, from Bayou to Cage Street.  
Liberty Avenue, from Hardy to Mary Street.  
Freeman Street, from Paschal to Quitman Street.  
Freeman Street, from Morris Street to Boundary Avenue.  
Providence Street, from Maffitt to Mary Street.  
Tackaberry Street, from Henry to Quitman Street.

**Other grading work done by the grading gang:**

Changed Dallas Avenue Ditch from Gulf, Colorado & Santa Fe track to Scott Street.  
Filled Louisiana Street, from Texas to Capitol Avenue.  
Filled Texas Avenue, from Milam to Louisiana Street.  
Sub-graded Elysian Street, from Nance to Conti Street.  
Excavated Anita Avenue, from Caroline to Crawford Street.  
Opened and graded German Street, from Sampson to Palmer Street.

The following is a list of ditching done by the grading gang:

- Ditched McKinney Avenue, Slaughter Pen Bayou to G. C. & S. F. Railroad yards.
- Changed drainage on Holman Avenue.
- Changed drainage on San Jacinto Street.
- Changed drainage on Fannin Street.
- Changed drainage on Alabama Avenue.
- Ditched Capitol Avenue, from Sampson to York Street.
- Ditched Genesee Street.
- Ditched Fargo Street, from Huntington to Baker Street.
- During the past year the department ditched nearly all the streets in the Fairview Addition.
- Ditched Arnold Street, from Webster to Milby.
- Ditched St. Charles Street, from Leeland to Calhoun Avenue.
- Ditched Houston Avenue, from Highland to Hooker Street.
- Cleaned out the Calhoun Street ditch.

The gulley at foot of Hutcheson Street, and also the gulley at the corner of Engelke and Paige Streets, have been ripped, and I don't believe that we will have any further trouble with these two gullies.

The following shows work done on the bridges which cross the Ship Channel:

- Redecked San Jacinto Street Bridge.
- Redecked Preston Street Bridge.
- Overhauled Sabine Street Bridge.
- Overhauled Louisiana Street Bridge.
- Overhauled Milam Street Bridge.
- Overhauled White Oak Bayou Bridge.
- Overhauled Crockett Street Bridge.
- Repaired McKee Street Bridge.
- Repaired Hill Street Bridge.
- Repaired Houston Avenue Bridge.
- Repaired Beauchamp Springs Bridge.

The bridge on Telephone Road crossing the Slaughter Pen Bayou was practically rebuilt, as also the bridge on Dumble Street, known as the Cut-Off Road.

The following shows repair work done by the department during the year; and in doing this repair work, we used the surplus gravel from San Felipe Street:

Repaired Louisiana Street, Caroline Street, Tuam Avenue, and other gravel streets.

The department filled an old well, which was standing open, and which was dangerous to passersby, at the corner of Race Street and Pine.

The following is a list of new work done by the department:

Extended the sewer on Hogan Street.

Laid new sewer on House Street.

*Built Catch Basins:*

At the corner of Liberty Avenue and Mary Street.

At the corner of Conti Street and Hardy Street.

At the corner of Elysian Street and Liberty Avenue.

At the corner of Elysian and Providence Streets.

At the corner of Hardy Street and Providence Street.

At the corner of Engelke and Buffalo Streets.

At the corner of Heiner Street and Shipman Street.

Work done at the City Stables:

Laid 300 feet of sewer and built 3 Catch Basins to drain barnyard.

Cut down and graded stable yards, placing in condition for shelling.

Put in six feet of dirt fill 60 feet wide and 110 feet long.

Built a new shed 24 by 100 feet long.

Built new office building.

Placed fire plugs and a full equipment of hose and nozzles for fire protection.

Repaired the barn fence.

During the past year the department purchased the following:

1 Horse, at the cost of \$200.00.

3 New sweepers.

2 Dump wagons.

6 Can carriers for street sweepers.

The following is a list of the gutters which are centrally located and which are flushed daily:

Main Street, from Commerce to Walker Avenue.

Travis Street, from Commerce to Walker Avenue.

Milam Street, from Commerce to Walker Avenue.

Louisiana Street, from Commerce to Walker Avenue.

Fannin Street, from Commerce to Walker Avenue.  
 San Jacinto Street, from Commerce to Walker Avenue.  
 Caroline Street, from Commerce to Walker Avenue.  
 Congress Avenue, from Smith to Caroline Street.  
 Franklin Avenue, from Franklin Avenue Bridge to Caroline Street.  
 Commerce Street, from Milam to Caroline Street.  
 Preston Avenue, from Smith to Caroline Street.  
 Prairie Avenue, from Smith to Caroline Street.  
 Texas Avenue, from Smith to Caroline Street.  
 Capitol Avenue, from Smith to Caroline Street.  
 Rusk Avenue, from Smith to Caroline Street.  
 Walker Avenue, from Smith to Caroline Street.

The streets have been continually torn up by different corporations and firms for laying sewer, gas and other pipes, and the department has watched very closely that the firms or corporations making such openings replace the street in as good a condition as it was before the opening was made.

The department keeps an inspector for that purpose, and if the corporation or firm making an opening fails to replace the street in good condition, the department will make the necessary repairs and charge the amount of the cost to the firm or corporation who refuses to leave the street in good condition.

The following shows the number of openings made during last year:

Gas .....	934
Sewer .....	338
Other openings .....	281

Last year the department cleaned the Pumping Station yard and spread the shell with which the yard was filled, and now we have a Pumping Station which looks neat and clean, and a credit to the city.

#### INVENTORY OF LIVE AND OTHER STOCK.

2 Head of horses.	2 Oil wagons.
66 Head of mules.	3 Carts.
39 Sets of harness.	2 Washing machines.
23 Board wagons.	1 Road grader.
2 Dump wagons.	1 Mowing machine.
8 Sweeping machines.	18 Street cans and 10 carriers.
6 Sprinkling machines.	



## DISBURSEMENTS FOR THE YEAR 1910.

I herewith beg to give your Honor an itemized account of the entire expense of this department for the year ending February 28, 1911.

From the total you will notice I have deducted the amount \$1,781.52, which amount has been paid by the Houston Electric Co. as their portion of the expense in repairing the city bridges on which the company operates cars.

I also deduct the amount of \$25.25, which is an amount for work done for the Houston Gas Co., and other collections made for work for different firms, which amount is \$17.65.

I also have deducted the amount of \$2,639.89, which amount was expended by the City Engineer's Department, but was charged to the Street and Bridge Department.

You will also notice in the Exhibit H of the expense account that the department spent \$150.00 for medical services to employees. This account is for medical services given to employees who were unavoidably injured, and the department deemed it just and proper to pay for the medical attention they required.

*General Foremen, Inspectors and Clerks—*

Salary .....	\$ 4,565.00
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*Repairs and Renewals to Buildings—*

Lumber .....	19.80
Salary, labor .....	16.00

*Equipments—*

Supplies .....	3,029.19
Blacksmith .....	3,266.51
Broom maker .....	710.97
Engineer's Department .....	4.18
Lumber .....	15.50
Harness .....	80.05
Paint .....	7.00
Miscellaneous .....	49.15
Two dump wagons.....	330.00
Freight .....	140.01

*Bridges—*

Bridge gang, salary.....	\$ 8,795.08
Lumber .....	11,800.39
Bridge tenders, salary.....	3,600.00
Bridge supplies .....	335.20
Freight .....	156.35
Engineer's Department .....	165.00

*Live Stock—*

Stableman, salary .....	1,457.25
Feed .....	9,154.27
Medical services and drugs.....	62.37

*Street Cleaning—*

Flushing gutters, salaries.....	2,313.42
Cleaning streets in business district, salary...	6,364.23
Street sprinkling .....	2,708.69
Cleaning tunnels .....	1,932.50
Keeping paved street drains open.....	2,350.21
Cleaning all paved streets.....	14,622.64
Street sweeping .....	3,914.00

*Street Repairing—*

Ditching .....	16,438.13
Grading and opening streets.....	5,684.65
Repairing pavements .....	1,219.30
Filling holes in dirt and gravel streets, teamsters .....	4,080.76
Freight .....	63.30
Repairing culverts .....	232.00
Repairing block pavements.....	312.40
Supplies, tools, etc.....	821.17
Engineer's Department .....	2,412.14

*Other Expense—*

Stable watchman .....	818.25
Stationery and office supplies.....	23.70
Electric lights .....	88.75
Telephone .....	55.05
Supplies .....	40.40
Spreading dirt at barn yard.....	620.00
Fire insurance .....	28.72
Miscellaneous .....	23.35
Medical services to employees.....	150.00
Typewriting machine .....	82.50

*Extraordinary—*

Supplies .....	1,155.16
Salary .....	1,812.36
New sweeping machines.....	750.00
Engineer's department .....	62.75
Lumber .....	73.55

Total .....	\$119,063.35
-------------	--------------

CREDIT.

Amount brought forward.....	\$119,063.35	
Expended by Engineer's Department and charged to Street and Bridge Department .....	\$2,639.89	
Collected from Houston Electric Co. their portion of expense repairing bridges on which they operate cars .....	1,781.52	
Collected from Houston Gas Co. for work the department did for them	25.25	
Collected from other firms for street repairing other firms failed to do, which was done by the depart- ment .....	17.65	4,464.31
Net expense of Street and Bridge De- partment .....		\$114,599.04

I regret to mention that during the past year the department has lost seven head of mules, which died from the following causes:

- 1 From heart failure.
- 1 From pneumonia.
- 5 From lockjaw.

I respectfully recommend that a larger increase in the budget allowance be made for the ensuing year in the Street and Bridge Department, as I find it almost impossible to make the necessary improvements and keep within the last budget allowance.

In conclusion, I wish to thank you for the assistance you have rendered me in the discharge of my duty.

As chairman of the Street and Bridge Department, I endeavored to carry out my duty, and give relief to the many citizens as to drainage, laying foot crossings, street bridges, etc.

Very respectfully submitted,

J. KENNEDY,

*Chairman Street and Bridge Committee.*



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ANNUAL REPORT

OF

DAN C. SMITH, JR.,  
CITY CONTROLLER,

*For the Year Ending February 28, 1911.*

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## REPORT OF CITY CONTROLLER.

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HOUSTON, TEXAS, March 10, 1911.

*To the Honorable Mayor and City Council of the City of Houston:*

GENTLEMEN:—I herewith submit to you my annual report for the fiscal year ending February 28, 1911, which embraces the following exhibits and schedules of detail, to wit:

### EXHIBIT "A"—GENERAL BALANCE SHEET:

#### SCHEDULE.

- No. 1—Property and Improvements.
- No. 2—Outstanding bills for collection.
- No. 3—Warrants outstanding.
- No. 4—Audited Vouchers.
- No. 5—Special Deposits Repayable.
- No. 6—Bonded Debt.

### EXHIBIT "B"—STATEMENT OF REVENUE AND EXPENSE, for the year ending February 28, 1910 and 1911:

#### SCHEDULE.

- Nos. 1 and 2—Revenue Classified and Compared.
- Nos. 3 and 4—Expense Classified and Compared.
- No. 5—Disbursements General Fund for Permanent Improvements.

### EXHIBIT "C"—ITEMIZED STATEMENT OF MISCELLANEOUS IMPROVEMENTS.

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EXHIBIT "D"—STATEMENT OF BOND FUND DISBURSEMENTS.

EXHIBIT "E"—STATEMENT OF DEPARTMENTAL EXPENSES,  
for the year ending February 28, 1911 and appropriations made therefor.

Respectfully submitted,

DAN C. SMITH,

*Controller.*



**Comparative General Balance Sheet, February 28, 1911 and 1910.**

AVAILABLE:		ASSETS.		
Cash—	February 28,	February 28,	Increase	
In hands of City Treasurer:	1911.	1910.	or Decrease	
General Fund .....	\$ 1,731.10	\$ 17,696.67	*\$	15,965.57
Bond Funds:				
Paving .....	34,204.43	35,223.82	*	1,019.39
Wharves and Slips.....	.....	88,429.11	*	88,429.11
Drainage Sewers .....	1.87	186,759.66	*	186,757.79
Sanitary Sewers .....	42,961.75	182,259.74	*	139,297.99
School Fund .....	* 72,745.00	1,695.69	*	74,440.69
°Sinking Fund .....	4,220.00	.....		4,220.00
Special Deposit Fund.....	3,671.70	1,101.70		2,570.00
Water Department Fund.....	35.73	10,835.23	*	10,799.50
TOTAL .....	\$ 14,081.58	\$ 524,001.62	*\$	509,920.04
Cash in Other Hands:				
Board of Liquidation.....*	\$ 24,857.65	\$ 53,123.44	*\$	77,981.09
Assessor and Collector.....	2,097.20	4,939.76	*	2,842.56
Police Department .....	73.10	* 25.11		98.21
Electrical Department .....	94.30	17.50		76.80
Water Department .....	1,282.91	.....		1,282.91
TOTAL .....	*\$ 21,310.14	\$ 58,055.59	*\$	79,365.73
Working Funds:				
City Attorney .....	\$ 25.00	\$ 25.00		.....
Assessor and Collector.....	650.00	650.00		.....
Police Department .....	50.00	50.00		.....
Water Department .....	50.00	50.00		.....
Consulting Engineer .....	25.00	.....	\$	25.00
Electrical Department .....	25.00	.....		25.00
TOTAL .....	\$ 825.00	\$ 775.00	\$	50.00
TOTAL CASH IN OTHER HANDS...*	\$ 20,485.14	\$ 58,830.59	*\$	79,315.73
GRAND TOTAL CASH.....*	\$ 6,403.56	\$ 582,832.21	*\$	589,235.77
Accounts Receivable—				
Taxes in hands of Assessor and Col- lector .....	\$ 380,688.41	\$ 380,769.78	*\$	81.37
Other items in hands of Assessor and Collector .....	189.25	185.75		3.50
Bills for Collection (Sched. No. 2) ..	2,249.42	4,530.37	*	2,280.95
Water Department Bills.....	48,548.32	40,898.92		7,649.40
Scavenger Department Bills.....	1,957.70	1,365.95		591.75
State of Texas "School Fund".....	72,745.00	2,531.21		70,213.79
TOTAL ACCOUNTS RECEIVABLE.....	\$ 506,378.10	\$ 430,281.98	\$	76,096.12
TOTAL AVAILABLE ASSETS.....	\$ 499,974.54	\$1,013,114.19	*\$	513,139.65
NOT AVAILABLE:				
Property and Improvements (Schedule No. 1) .....	\$7,999,025.05	\$6,973,325.46	\$1,025,699.59	
°Sinking Fund (Harris County Bonds)	116,000.00	120,220.00	*	4,220.00
Stock of Supplies.....	895.53	286.55		608.98
TOTAL ASSETS .....	\$8,615,895.12	\$8,106,946.20	\$	508,948.92

° See Sinking Fund Treasurer's Cash for \$4,220.00, shown here as decrease.

\* Decrease.

**Exhibit "A".**

(Continued)—1.

**Comparative General Balance Sheet, February 28, 1911 and 1910.****LIABILITIES.**

	February 28, 1911.	February 28, 1910.	Increase or Decrease
<b>CURRENT:</b>			
Warrants Outstanding (Sched. No. 3) ..	\$ 21,227.33	\$ 76.31	\$ 21,151.02
Audited Vouchers (Sched. No. 4) .....	60,281.09	.....	60,281.09
Anticipation Warrants .....	75,000.00	.....	75,000.00
Interest Accrued, Bond Debt, not due.	59,268.62	57,818.62	1,450.00
Special Deposits (Sched. No. 5) .....	5,245.40	2,595.40	2,650.00
Unclaimed Wages .....	866.47	640.58	225.89
<b>TOTAL</b> .....	<b>\$ 221,888.91</b>	<b>\$ 61,130.91</b>	<b>\$160,758.00</b>
<b>BONDED DEBT</b> (Schedule No. 6) .....	<b>\$4,919,000.00</b>	<b>\$4,819,000.00</b>	<b>\$100,000.00</b>
<b>WATER WORKS MORTGAGE</b> .....	<b>\$ 467,000.00</b>	<b>\$ 467,000.00</b>	<b>.....</b>
<b>CERTIFICATES OF IND'BT'NESS</b> (Storrie) ..	<b>.....</b>	<b>\$ 10,300.00</b>	<b>*\$ 10,300.00</b>
<b>REFUND PAYING CERTIFICATES</b> .....	<b>\$ 232,628.94</b>	<b>\$ 254,498.25</b>	<b>*\$ 21,869.31</b>
<b>TOTAL LIABILITIES</b> .....	<b>\$5,840,517.85</b>	<b>\$5,611,929.16</b>	<b>\$228,588.69</b>
<b>EXCESS OF ASSETS OVER LIABILITIES</b> .....	<b>\$2,775,377.27</b>	<b>\$2,495,017.04</b>	<b>\$280,360.23</b>
<b>TOTAL</b> .....	<b>\$8,615,895.12</b>	<b>\$8,106,946.20</b>	<b>\$508,948.92</b>

\* Decrease.

**Exhibit "A".**

(Concluded) — 2.

### Property and Improvements, February 28, 1911 and 1910.

	February 28, 1911.	February 28, 1910.	Increase or Decrease
Legal Department:			
Law Library .....	\$ 974.10	\$ 824.10	\$ 150.00
Assessor and Collector:			
Stewart Block Book System.....	\$ 10,000.00	\$ 10,000.00	.....
City Hall and Market House.....	\$ 642,022.20	\$ 642,022.20	.....
Furniture and Fixtures.....	1,320.92	873.67	\$ 447.25
TOTAL .....	\$ 643,343.12	\$ 642,895.87	\$ 447.25
Police Department:			
City Jail .....	\$ 52,163.10	\$ 52,099.00	\$ 64.10
Automobile .....	2,167.60	2,167.60	.....
Motorcycles .....	1,037.43	1,037.43	.....
Bertillon System .....	891.00	891.00	.....
TOTAL .....	\$ 56,259.13	\$ 56,195.03	\$ 64.10
Fire Department:			
Central Station .....	\$ 103,764.93	\$ 92,910.11	\$ 10,854.82
Hose Company No. 1.....	7,648.50	7,648.50	.....
Fire Station No. 2.....	24,063.42	2,250.00	21,813.42
Fire Station No. 3.....	10,182.81	10,182.81	.....
Fire Station No. 5.....	13,528.50	13,528.50	.....
Fire Station No. 6.....	11,031.13	11,031.13	.....
Fire Station No. 7.....	14,281.44	14,281.44	.....
Fire Station No. 8.....	14,425.00	14,425.00	.....
Fire Station No. 9 (Old).....	10,768.50	10,768.50	.....
Fire Station No. 9 (New).....	21,249.77	21,249.77	.....
Fire Station No. 10.....	15,124.00	15,124.00	.....
Automobile .....	1,480.27	1,480.27	.....
Fire Marshal Equipment.....	350.00	.....	350.00
TOTAL .....	\$ 247,898.27	\$ 214,880.03	\$ 33,018.24
Electrical Department:			
Fire and Police Alarm System.....	\$ 63,792.04	\$ 34,045.04	\$ 29,747.00
Automobile .....	1,395.00	1,395.00	.....
TOTAL .....	\$ 65,187.04	\$ 35,440.04	\$ 29,747.00
Health Department:			
Smallpox Camp .....	\$ 624.50	\$ 624.50	.....
Crematory .....	6,050.00	.....	6,050.00
TOTAL .....	\$ 6,674.50	\$ 624.50	\$ 6,050.00
Scavenger Department .....	\$ 3,400.00	\$ 3,400.00	.....
Street and Bridge Department.....	\$ 70,295.12	\$ 57,521.06	\$ 12,774.06
City Stables .....	2,686.43	2,686.43	.....
Opening Streets .....	32,570.09	28,874.46	3,695.63
Bridges .....	63,456.48	63,456.48	.....
Viaduct, Main Street.....	1,867.15	.....	1,867.15
TOTAL .....	\$ 170,875.27	\$ 152,538.43	\$ 18,336.84
FORWARD .....	\$1,204,611.43	\$1,116,798.00	\$ 87,813.43

\* Decrease.

Exhibit "A"—Schedule No. 1.

(Continued)—1.

**Property and Improvements, February 28, 1911 and 1910.**

(CONTINUED)

	February 28, 1911.	February 28, 1910.	Increase or Decrease
AMOUNT BROUGHT FORWARD.....	\$1,204,611.43	\$1,116,798.00	\$ 87,813.43
Garbage Department .....	\$ 4,138.76	\$ 4,138.76	.....
Sewer Department:			
Sanitary System, Pumping Station...	\$ 70,935.21	\$ 70,935.21	.....
Sanitary System, Filter Beds.....	137,279.26	111,761.76	\$ 25,517.50
Sanitary System, Intercepting.....	137,053.98	137,053.98	.....
Sewers, Subsequent to Jan. 1, 1899...	353,414.87	238,634.40	114,779.97
Drainage Sewers .....	236,963.62	47,531.48	189,432.14
TOTAL .....	\$ 935,646.44	\$ 605,916.83	\$329,729.61
Asphalt Plant .....	\$ 3,000.00	\$ 3,000.00	.....
Schools:			
High School .....	\$ 226,638.58	\$ 226,638.58	.....
Rusk .....	17,217.50	25,400.00	*\$ 8,182.50
Longfellow .....	18,091.40	17,500.00	591.40
Fannin .....	99,604.95	68,122.98	31,481.97
Taylor .....	22,587.50	22,587.50	.....
Dow .....	23,544.60	23,544.60	.....
Hawthorne .....	29,700.00	29,700.00	.....
Cascara .....	40,219.70	40,219.70	.....
Jones .....	36,850.05	36,612.30	237.75
Allen (site donated).....	46,528.77	46,528.77	.....
Austin .....	26,898.75	26,898.75	.....
Lubbock .....	48,147.18	48,147.18	.....
Reagan .....	44,513.74	44,513.74	.....
Beauchamp Springs .....	470.00	470.00	.....
Site (Washington Street).....	5,000.00	5,000.00	.....
Woodland Heights .....	39,604.83	39,604.83	.....
Lamar .....	55,269.68	55,269.68	.....
High School (colored).....	32,450.00	32,450.00	.....
Bingham Street (colored).....	4,893.50	4,893.50	.....
First Ward (colored).....	3,800.00	3,800.00	.....
Douglass (colored).....	14,184.00	12,847.00	1,337.00
Fifth Ward (colored).....	7,430.70	7,430.70	.....
Chaneyville (colored) .....	2,498.00	.....	2,498.00
Langston (colored) .....	10,580.00	10,580.00	.....
Fourth Ward (colored).....	12,338.00	11,690.00	648.00
Palmer Street (colored).....	8,840.86	8,840.86	.....
Additions in 1905 (colored).....	9,700.95	9,700.95	.....
Barr Addition (colored).....	5,700.00	5,700.00	.....
TOTAL .....	\$ 893,303.24	\$ 864,691.62	\$ 28,611.62
Water Plant .....	\$1,299,999.85	\$1,211,404.94	\$ 88,594.91
Parks:			
Sam Houston .....	\$ 37,825.43	\$ 37,641.73	\$ 183.70
Cleveland .....	50,500.00	50,500.00	.....
Elizabeth Baldwin (site donated)....	193.75	193.75	.....
TOTAL .....	\$ 88,519.18	\$ 88,335.48	\$ 183.70
FORWARD .....	\$3,224,607.47	\$2,777,487.63	\$447,119.84

\* Decrease.

**Exhibit "A"—Schedule No. 1.**

(Continued)—2.

**Property and Improvements, February 28, 1911 and 1910.**

	(CONTINUED)		
	February 28, 1911.	February 28, 1910.	Increase or Decrease
AMOUNT BROUGHT FORWARD.....	\$3,224,607.47	\$2,777,487.63	\$447,119.84
Carnegie Library .....	\$ 8,619.62	\$ 8,619.62	.....
Auditorium .....	\$ 344,657.37	\$ 99,922.79	\$244,734.58
Houston Ship Channel.....	\$ 108,353.21	\$ 86,983.36	\$ 21,369.85
Wharves and Slips.....	\$ 189,309.75	\$ 67,770.75	\$121,539.00
Street Paving subsequent to Jan. 1, 1899..	\$1,259,020.04	\$1,155,897.15	\$103,122.89
Undistributed, prior to Jan. 1, 1899....	\$1,659,846.16	\$1,659,846.16	.....
TOTAL .....	<u>\$7,999,025.05</u>	<u>\$6,973,325.46</u>	<u>\$1,025,699.59</u>

**Outstanding Bills for Collection—General—At February 28, 1911**

No.	Amount.
352 Robischung Bros. ....	\$ 17.50
368 J. W. Thiel .....	5.00
370 Harris County .....	465.99
404 E. C. Lamb.....	3.50
420 Geo. W. Larendon.....	9.25
423 Pattliff & Griffin.....	105.00
454 Miss Kate Scanlan.....	7.50
497 T. H. Thompson.....	52.20
498 Richard Rogers .....	102.00
506 Mrs. Julia Reller.....	30.60
547 Citizens Telephone Co. ....	3.75
553 Mrs. E. Flewellen .....	68.15
554 S. S. Ashe .....	70.50
582 Houston Electric Co. ....	462.00
588 Capt. Curry .....	24.00
611 Houston Electric Co. ....	78.50
619 P. S. Griffin .....	109.20
651 Lucas & Smith.....	22.50
661 Collins Bros. ....	18.00
692 Home Telephone Co. ....	6.25
705 Mrs. E. Flewellen .....	3.65
706 Dudley Bros. ....	2.10
708 H. S. Fox .....	1.25
709 Taylor-Roberts Co. ....	13.60
762 Collins Bros. ....	45.00
773 G. H. & S. A. Ry. Co.....	265.20
820 Houston Electric Co. ....	2.50
863 L. C. Artusey .....	21.00
896 Buffalo Bayou Co. ....	33.00
903 J. W. Thiel .....	10.50
904 Sid Westheimer .....	29.75
905 Houston Gas Co. ....	25.25
914 Houston Electric Co. ....	.75
931 Southern Pacific Co. ....	1.50
936 E. N. Drouet .....	98.40
937 Houston Electric Co. ....	28.33
938 Southwestern Tel. & Tel. Co.....	2.00
939 Houston Electric Co. ....	1.75
940 Houston Lighting & Power Co.....	2.50
<b>TOTAL .....</b>	<b>\$2,249.42</b>

**Exhibit "A"—Schedule No. 2.**

## List of Warrants Outstanding, February 28, 1911

No.	CITY WARRANTS.	Amount.
11,924	Auto & Motor Boat Co. ....	\$ .80
12,884	Bayou City Iron Works. ....	11.70
13,249	C. R. Cummings Lumber Co. ....	.55
13,266	Hobson Electric Co. ....	134.45
13,353	F. E. Ebersole ....	13.30
13,391	John Heffernan ....	6.00
13,392	F. R. Hall ....	9.80
13,397	J. P. Welsh ....	13.60
13,399	Chas. E. Yates ....	10.75
13,400	Schopmeyer Manufacturing Co. ....	22.50
13,401	Hobson Electric Co. ....	112.81
13,402	J. M. Hogan ....	19.45
13,403	J. I. Holcomb Manufacturing Co. ....	187.38
13,404	Holm Schmidt Co. ....	15.10
13,405	A. R. Anderson ....	196.30
13,406	Bering Tire & Rubber Co. ....	12.50
13,407	C. L. & Theo. Bering. ....	32.57
13,408	Bering & Cortes ....	25.71
13,409	Barron & Friedlander ....	.75
13,410	Bayou City Ice Co. ....	2.50
13,411	Bonner Oil Co. ....	20.73
13,412	Austin W. Burgess ....	1.50
13,413	The Bucyrus Co. ....	15.00
13,414	Burton Lumber Co. ....	1,050.05
13,415	Jas. Bute Co. ....	51.70
13,416	Buick Auto Co. ....	13.50
13,417	Capital Blacksmith Shop ....	15.75
13,418	The Cargill Co. ....	62.95
13,419	Central Drug Co. ....	2.30
13,420	City Lumber Yard ....	507.35
13,422	W. H. Coyle & Co. ....	229.03
13,423	W. H. Coyle & Co. ....	3.75
13,424	W. H. Coyle & Co. ....	1.87
13,426	C. R. Cummings Lumber Co. ....	277.25
13,427	Engineering Contracting ....	31.20
13,428	E. H. Dumble & Co. ....	23.20
13,429	L. T. Fuller & Co. ....	2.60
13,430	Gamewell Fire Alarm Tel. Co. ....	288.01
13,431	J. M. Geiselman Co. ....	93.30
13,432	The Gilbert Book Co. ....	19.90
13,433	W. F. Glass ....	18.75
13,434	Gribble-Fischer Stamp Co. ....	7.50
13,435	Gulf Refining Co. ....	38.38
13,436	Hahn & Clay ....	11.50
13,437	Hartwell Iron Works ....	78.50
13,438	Geo. W. Hawkins & Co. ....	7.80
13,439	F. W. Heitmann ....	3.45
13,440	Henke Ice Co. ....	9.75
13,441	W. S. Hipp ....	85.00
13,442	Houston Lighting & Power Co. ....	4,202.97

FORWARD .....\$ 8,003.06

Exhibit "A"—Schedule No. 3.

(Continued)—1.



## List of Warrants Outstanding, February 28, 1911—Continued.

No.		Amount.
	FORWARD .....	\$ 8,003.06
13,443	Houston Gas Co. ....	11.97
13,444	Houston Infirmary Sanitarium .....	20.00
13,445	Houston Broom Factory .....	5.00
13,446	Houston Brush Co. ....	8.00
13,447	Houston Chronicle Publishing Co.....	24.40
13,448	Houston Printing Co. ....	30.79
13,449	Houston Transfer & Carriage Co. ....	4.00
13,450	Houston Drug Co. ....	146.73
13,451	E. A. Hudson .....	3.75
13,452	Imperial Leatherine Preserver Co. ....	15.00
13,454	Jesse H. Jones Lumber Co.....	313.30
13,455	Kattman & Kneeland Tent Co.....	2.25
13,456	Keithly Co. ....	.75
13,457	Keystone Printing Co. ....	7.50
13,458	Drs. Knight & Folse Bros.....	12.00
13,459	F. E. Koehler .....	105.15
13,460	Texas Blue Print & Supply Co.....	14.54
13,461	Lea & Lloyd .....	15.10
13,462	Levy Bros. Dry Goods Co.....	3.70
13,464	A. T. Lucas .....	343.50
13,465	W. L. Macatee & Sons.....	26.40
13,466	J. L. Mitchell .....	20.00
13,467	W. L. Macatee & Sons.....	122.85
13,468	Jno. McClellan & Co.....	1.10
13,469	Jos. F. Meyer Co. ....	5.63
13,470	J. L. Mitchell .....	27.00
13,471	Model Carriage Co. ....	131.35
13,472	Mosehart & Keller Co. ....	279.50
13,473	Patrick Transfer Co. ....	1.50
13,474	Peden Iron & Steel Co.....	591.95
13,475	Remington Typewriter Co. ....	82.50
13,476	Peden Iron & Steel Co.....	65.38
13,477	Richard Cocke & Co. ....	20.00
13,478	Robischung Bros. ....	15.10
13,479	B. A. Reisner .....	119.50
13,480	Texas Lamp & Oil Co.....	4.10
13,481	Tel-Electric Co. ....	93.34
13,482	The Texas Co. ....	1,939.50
13,483	Gus W. Tips .....	12.80
13,485	Tofte Boiler & Sheet Iron Co.....	58.27
13,486	St. Joseph's Infirmary .....	407.40
13,487	Schopmeyer Manufacturing Co. ....	78.15
13,488	Frank Shepherd Co. ....	3.00
13,489	Smith & Sons Manufacturing Co.....	15.00
13,490	Southern Drug Co. ....	97.26
13,491	South Texas Paint & Glass Co.....	57.95
13,492	South Texas Grain Co. ....	610.19
13,497	Star Livery & Boarding Stables.....	45.50
13,498	F. H. Stewart .....	40.00
	FORWARD .....	\$14,062.71

Exhibit "A"—Schedule No. 3.

(Continued)—2.

**List of Warrants Outstanding, February 28, 1911—Continued.**

No.		Amount.
	<b>FORWARD</b> .....	<b>\$14,062.71</b>
13,499	H. Waddell .....	9.95
13,500	Chas. J. Wright .....	12.50
13,507	Theo. Keller .....	2.00
13,508	A. T. Lucas .....	35.00
13,509	Ahrens & Ott Manufacturing Co. ....	453.96
13,510	C. L. & Theo. Bering .....	2.20
13,511	Jas. Bute Co. ....	9.53
13,512	Bonner Oil Co. ....	59.51
13,513	W. H. Coyle & Co. ....	20.60
13,514	Cale-Lane Oil Co. ....	3.50
13,515	R. R. Glass .....	2.00
13,516	Hartwell Iron Works .....	91.78
13,517	Geo. W. Hawkins .....	12.90
13,518	F. W. Heitmann & Co. ....	256.16
13,519	Tel-Electric Co. ....	10.00
13,520	The Texas Co. ....	4.24
13,521	Texas Auto Tire & Repair Works. ....	4.50
13,522	A. M. Lockett & Co. ....	20.00
13,523	W. L. Macatee & Sons .....	13.45
13,525	National Meter Co. ....	1,520.00
13,526	Neptune Meter Co. ....	3.50
13,527	Peden Iron & Steel Co. ....	207.63
13,528	Randolph Paint Co. ....	.56
13,529	B. A. Reisner .....	27.00
13,530	Robischung Bros. ....	5.85
13,531	The A. P. Smith Co. ....	37.00
13,532	South Texas Grain Co. ....	15.46
13,540	T. C. Dunn, City Treasurer .....	700.00
	<b>TOTAL</b> .....	<b>\$17,603.49</b>

**SCHOOL WARRANTS.**

No.		Amount.
3,069	Mrs. Ida Lang .....	\$ 12.50
3,070	Mrs. J. E. French .....	12.00
3,071	March Culmore .....	35.00
3,073	Barber Plumbing Co. ....	56.05
3,074	Keithly Plumbing Co. ....	441.20
3,075	McNeeley & Heitmann .....	7.75
3,076	Necco & Eiseman .....	86.80
3,077	E. E. Holtkamp .....	119.83
3,078	F. W. Heitmann & Co. ....	21.69
3,079	Adoue-Blaine Hardware Co. ....	25.75
3,080	C. L. & Theo. Bering .....	22.90
3,081	Bering-Cortes Hardware Co. ....	28.75
3,082	J. W. Thiel .....	13.92
3,083	Miss Jessie Hetzel .....	100.00
3,084	Taylor Bros. ....	10.50
3,085	Robt. Kerr .....	4.00
	<b>FORWARD</b> .....	<b>\$ 998.64</b>

**Exhibit "A"—Schedule No. 3.**

(Continued)—3.

**List of Warrants Outstanding, February 28, 1911—Continued.**

No.		Amount.
	FORWARD .....	\$ 998.64
3,086	Levy Bros. Dry Goods Co.....	28.44
3,088	Houston Brush Co. ....	19.25
3,089	Remington Typewriter Co. ....	4.65
3,090	Fay & Eagan Co. ....	7.49
3,091	Barden Electric Co. ....	24.95
3,092	Jos. F. Meyer Co. ....	2.95
3,093	Bering Manufacturing Co. ....	10.90
3,094	Burton Lumber Co. ....	54.75
3,095	W. T. Carter Lumber Co.....	1.00
3,096	Jesse H. Jones Lumber Co.....	34.50
3,097	C. R. Cummings Lumber Co.....	51.40
3,098	Texas & Louisiana Lumber Co.....	103.81
3,099	Texas Lamp & Oil Co.....	2.20
3,101	Houston Lighting & Power Co.....	77.95
3,102	Houston Gas Co. ....	112.43
3,103	Scanlan & Bartell .....	2.50
3,104	Westheimer Transfer Co. ....	11.50
3,105	W. H. Coyle & Co.....	13.25
3,106	Texas Blue Print Co. ....	17.95
3,107	The Teetshorn Co. ....	7.50
3,108	The Cargill Co. ....	76.80
3,109	South Texas Paint Co. ....	23.53
3,110	Jas. Bute Co. ....	25.15
3,111	Ed. C. Smith .....	33.50
3,112	Stowers Furniture Co. ....	157.08
3,113	Waddell Furniture Co. ....	62.40
3,114	A. N. Lewis & Co.....	70.00
3,115	Lea & Lloyd .....	98.70
3,116	Belk & Co. ....	317.20
3,117	Childress & Taylor .....	185.27
3,118	Frazer & McIntire .....	187.50
3,119	Torrey & Co. ....	366.00
3,120	E. D. Holt .....	49.50
3,121	O. L. Cochran .....	85.20
3,122	Southwestern Tel. & Tel. Co.....	72.80
3,123	Henke & Pillot .....	66.65
3,124	E. O. Smith .....	10.00
3,125	M. H. Kerr .....	128.25
3,126	W. Peine .....	20.30
TOTAL .....		\$ 3,623.84
GRAND TOTAL .....		\$21,227.37

## Audited Vouchers, February 28, 1911.

No.		Amount.
29,026	Pay Roll, Police .....	\$ 9,018.20
29,027	" " Fire .....	8,044.95
29,028	" " Garbage .....	180.00
29,029	" " Street and Bridge .....	1,162.50
29,030	" " Scavenger .....	437.50
29,031	" " Assessor and Collector .....	1,222.00
29,032	" " Sewer and Filter Beds .....	740.00
29,033	" " Miscellaneous .....	3,228.33
29,034	" " Health .....	1,373.50
29,035	" " Health .....	200.00
29,036	" " Engineer .....	1,192.40
29,037	" " Electrical .....	405.00
29,038	" " Cleaning lilies .....	125.00
29,039	" " Inspector of Boilers .....	100.00
29,040	" " Legal .....	858.33
29,041	" " Dredge Tom Ball .....	335.00
29,042	" " Consulting Engineer .....	300.00
29,043	" " Consulting Engineer .....	1,866.23
29,044	" " Water .....	110.00
29,045	" " Water .....	1,590.00
29,046	" " Sewer and Filter Beds .....	81.25
29,047	Kansas City Scenic Co. ....	3,476.39
29,048	J. O. Hardin .....	378.20
29,049	Pay Roll, Water .....	155.50
29,050	" " Water .....	552.20
29,051	" " Park .....	73.10
29,052	" " Scavenger .....	100.12
29,053	" " Sewer .....	96.00
29,054	" " Sewer and Filter Beds .....	85.00
29,055	" " Electrical .....	326.50
29,056	" " Garbage .....	410.96
29,057	" " Street and Bridge .....	1,691.16
29,058	" " City Hall .....	24.00
29,059	" " Engineer for A. P. ....	172.15
29,060	W. L. Macatee .....	73.70
29,061	City Lumber Yard .....	297.05
29,062	Texas Lamp & Oil Co. ....	1.65
29,063	South Texas Grain Co. ....	601.38
29,064	Jos. F. Meyer Co. ....	.95
29,065	Gulf Refining Co. ....	12.69
29,066	Peden Iron & Steel Co. ....	69.97
29,067	J. B. Farthing Lumber Co. ....	367.73
29,068	H. D. Taylor Lumber Co. ....	361.20
29,069	Burton Lumber Co. ....	314.25
29,070	Southern Drug Co. ....	55.36
29,071	St. Joseph's Infirmary .....	295.20
29,072	Aqua Pura Bottling Works .....	.25
29,073	Houston Drug Co. ....	11.13
29,074	Star Livery Stable .....	23.00
29,075	The Cargill Co. ....	62.50
29,076	B. A. Reisner .....	1.50
29,077	H. Henke .....	9.00
29,078	J. L. Mitchell .....	10.00
FORWARD .....		\$42,679.98

Exhibit "A"—Schedule No. 4.

(Continued)—1.

**Audited Vouchers, February 28, 1911—Continued.**

No.		Amount.
	FORWARD .....	\$42,679.98
29,079	A. T. Lucas .....	56.00
29,080	Peden Iron & Steel Co. ....	28.92
29,081	Henke & Pillot .....	3.05
29,082	Texas Lamp & Oil Co. ....	.40
29,083	Holm, Schmidt & Co. ....	7.70
29,084	T. & N. O. R. R. Co. ....	69.38
29,085	W. L. Macatee & Sons. ....	3.00
29,086	Houston Brush Co. ....	8.00
29,087	Henke & Pillot .....	.80
29,088	Tel-Electric Co. ....	13.90
29,089	Peden Iron & Steel Co. ....	.44
29,090	Tel-Electric Co. ....	255.69
29,091	Hobson Electric Co. ....	6.00
29,092	Peden Iron & Steel Co. ....	11.33
29,093	Bering & Cortes .....	.50
29,094	Jesse H. Jones .....	66.95
29,095	W. H. Coyle & Co. ....	2.25
29,096	Houston Infirmary Sanitarium .....	17.50
29,097	Tel-Electric Co. ....	10.80
29,098	Keithly Co. ....	3.00
29,099	Houston Gas Co. ....	61.71
29,100	Hobson Electric Co. ....	32.40
29,101	Tel-Electric Co. ....	22.72
29,102	Peden Iron & Steel Co. ....	10.54
29,103	W. H. Coyle & Co. ....	40.00
29,104	Burroughs Adding Machine Co. ....	3.00
29,105	W. H. Coyle & Co. ....	23.65
29,106	Mosehart & Keller Co. ....	6.50
29,107	South Texas Grain Co. ....	20.81
29,108	Houston Gas Co. ....	31.35
29,109	Mosehart & Keller Co. ....	26.55
29,110	C. L. & Theo. Bering. ....	10.30
29,111	Hobson Electric Co. ....	5.28
29,112	Remington Typewriter Co. ....	.75
29,113	Buckley Shoe Co. ....	6.25
29,114	Houston Soap Works .....	26.00
29,115	Bonner Oil Co. ....	94.49
29,116	A. M. Lockett Co. ....	459.97
29,117	C. L. & Theo. Bering, Jr. ....	1.20
29,118	Burroughs Adding Machine Co. ....	1.25
29,119	W. L. Macatee & Sons. ....	2.50
29,120	Ahrens & Ott Manufacturing Co. ....	36.55
29,121	F. W. Heitmann Co. ....	193.10
29,122	Hartwell Iron Works .....	37.93
29,123	National Meter Co. ....	530.00
29,124	Glauber Brass Manufacturing Co. ....	336.00
29,125	Peden Iron & Steel Co. ....	100.04
29,126	The Cargill Co. ....	5.50
29,127	F. W. Stewart .....	40.00
29,128	Gulf Refining Co. ....	27.78
29,129	Peden Iron & Steel Co. ....	19.71
29,130	Tel-Electric Co. ....	2.40
	FORWARD .....	\$45,461.82

**Exhibit "A"—Schedule No. 4.**

(Continued)—2.

No.	Audited Vouchers, February 28, 1911—Continued.	Amount.
	FORWARD .....	\$45,461.82
29,131	Texas Lamp & Oil Co. ....	.55
29,132	Hartwell Iron Works .....	11.61
29,133	A. Liccioni .....	12.50
29,134	W. L. Macatee & Sons. ....	9.60
29,135	Texas Lamp & Oil Co. ....	1.05
29,136	E. N. Drouet .....	35.00
29,137	Peden Iron & Steel Co. ....	4.15
29,138	A. T. Lucas. ....	5.50
29,139	Gamewell Fire Alarm & Tel. Co. ....	8,407.50
29,140	C. L. & Theo. Bering, Jr. ....	9.35
29,141	Hobson Electric Co. ....	2.64
29,142	Kattman & Kneeland Tent Co. ....	1.25
29,143	The Hartford Rubber Co. ....	5.00
29,144	Buick Auto Co. ....	8.00
29,145	Tel-Electric Co. ....	127.97
29,146	W. L. Macatee & Sons. ....	8.45
29,147	J. W. Sampson .....	10.50
29,148	J. M. Geiselman Co. ....	6.95
29,149	W. H. Coyle & Co. ....	83.50
29,150	W. H. Coyle & Co. ....	193.70
29,151	Bering & Cortes .....	4.50
29,152	Standard Printing & Lithographing Co. ....	150.00
29,153	Texas Engraving & Electro Co. ....	20.93
29,154	Texas Photo & Supply Co. ....	16.50
29,155	B. A. Reisner .....	7.75
29,156	Hartwell Iron Works .....	58.10
29,157	Mosehart & Keller Auto Co. ....	7.87
29,158	J. J. Sweeney Co. ....	3.00
29,159	Jos. F. Meyer Co. ....	.10
29,160	C. L. & Theo. Bering. ....	67.50
29,161	B. A. Reisner .....	108.00
29,162	Gus W. Tips .....	4.40
29,163	Model Carriage Co. ....	19.60
29,164	C. L. & Theo. Bering. ....	5.25
29,165	Hahn & Clay .....	11.75
29,166	Wilkerson & Blau .....	51.75
29,167	J. D. Turpin .....	10.50
29,168	Central Drug Co. ....	.75
29,169	South Texas Grain Co. ....	32.01
29,170	O. P. Jackson Co. ....	25.55
29,171	A. T. Lucas .....	224.00
29,172	Peden Iron & Steel Co. ....	14.15
29,173	Southern Drug Co. ....	31.66
29,174	Bering Tire & Rubber Co. ....	3.50
29,175	Houston Gas Co. ....	6.07
29,176	W. H. Coyle & Co. ....	50.30
29,177	Bering-Cortes Hardware Co. ....	8.00
29,178	Houston Broom Factory .....	30.00
29,179	C. L. & Theo. Bering. ....	7.35
29,180	Peden Iron & Steel Co. ....	11.61
29,181	Houston Soap Works .....	3.00
29,182	Henke & Pilot .....	11.35
29,184	Houston Lighting & Power Co. ....	4,076.04
29,185	Houston Lightceum, Carnegie Library. ....	791.66
	TOTAL .....	\$60,281.09

## Exhibit "A"—Schedule No. 4.

(Concluded)—3.

## Special Deposits Payable at February 28, 1911.

	Folio.	Amount.
Modern Plumbing Co. ....	12	\$ 55.00
Frank Moran .....	13	10.00
Geo. W. Beardsley .....	16	10.00
Western Union Tel. & Tel. Co.....	22	200.00
Southwestern Tel. & Tel. Co.....	23	2,500.00
Houston Gas Co. ....	24	500.00
N. G. Kittrell .....	33	20.00
C. A. Elmen .....	34	10.00
Mosehart-Keller Co. ....	39	10.00
H. L. Stevens .....	43	25.00
J. O. Ross .....	50	10.00
Houston Saw Mill Co.....	55	20.00
F. Stech .....	55	10.00
Theo. C. Miller .....	57	10.00
W. S. Hipp .....	60	15.00
J. E. Jewett .....	60	15.00
C. E. Bammell .....	62	40.00
C. Cramer .....	62	10.00
McNeeley & Heitmann .....	64	105.00
Keithly Co. ....	66	100.40
Condon & Son .....	67	28.50
Commercial and First National Banks.....	68	25.00
F. C. Van Liew.....	69	45.00
Central Laundry Co. ....	70	10.00
Houston Ice Cream Co.....	70	20.00
G. H. & H. Transportation Co.....	72	10.00
R. J. Potts .....	74	10.00
People's Ice Co. ....	77	10.00
Robischung Bros. ....	85	155.00
J. W. Thiel .....	86	50.00
Otto Gersteman .....	87	20.00
Barber Plumbing Co. .	88	410.50
Faultless Plumbing Co. ....	89	25.00
Collins Bros. ....	90	286.00
F. L. Autman .....	91	185.00
Lead Pipe Plumbing Co.....	92	35.00
J. S. Bridges .....	26	20.00
G. Horpnich .....	82	10.00
J. R. Sullivan .....	27	30.00
B. Feldka .....	93	75.00
A. R. Campbell .....	93	10.00
Wm. Dandridge .....	93	10.00
W. L. Kect .....	93	10.00
Frank Wildino .....	26	10.00
Etta Clark .....	26	20.00
A. Hood .....	26	20.00
P. Bomar .....	27	10.00
J. C. Ballew .....	27	10.00
M. Lorino .....	27	10.00
TOTAL .....		<u>\$5,245.40</u>

Exhibit "A"—Schedule No. 5.



**Bonded Debt, February 28, 1911.**

Date Issued.			Rate	Amount
Jan.	1, 1882	30-year Funding Bonds.....	6%	\$ 524,000.00
July	1, 1888	30-year Compromise Bonds.....	6%	500,000.00
July	1, 1888	30-year Compromise bonds.....	5%	503,000.00
May	1, 1894	30-year Public School Building Bonds.....	6%	100,000.00
May	1, 1896	40-year Bridge Building Bonds.....	5%	39,000.00
Jan.	1, 1897	40-year Market House Funding Bonds.....	5%	109,000.00
July	1, 1897	40-year Paving and Sewer Bonds.....	5%	250,000.00
Dec.	1, 1897	40-year School Building Bonds.....	5%	50,000.00
Jan.	1, 1898	25-year School Building Refunding Bonds.....	5%	60,000.00
July	1, 1898	40-year Paving, Sewer and Permanent Improve- ment Bonds .....	5%	100,000.00
Jan.	2, 1899	40-year Paving and Sewer Bonds.....	5%	100,000.00
Nov.	15, 1899	40-year Sewerage and Sanitary System Bonds..	5%	300,000.00
Aug.	1, 1901	40-year Paving Bonds.....	5%	240,000.00
Aug.	1, 1901	40-year Sewer Bonds.....	5%	60,000.00
Aug.	1, 1901	40-year School Building Bonds.....	5%	50,000.00
Aug.	15, 1903	40-year Market, Engine and Schoolhouse Bonds	5%	100,000.00
Oct.	1, 1903	40-year Paving Bonds.....	5%	300,000.00
Oct.	1, 1904	40-year Improvement Bonds.....	5%	100,000.00
July	16, 1906	40-year Water Works Bonds.....	5%	434,000.00
Aug.	5, 1908	30-year Permanent Paving Bonds.....	5%	100,000.00
Oct.	26, 1908	30-year Water Mains Extension Bonds.....	4½%	100,000.00
Oct.	26, 1908	30-year Wharf and Slip Construction Bonds...	4½%	150,000.00
Oct.	26, 1908	30-year Sewer Drainage Construction Bonds...	4½%	225,000.00
Oct.	26, 1908	30-year Sanitary Sewer Construction Bonds...	4½%	225,000.00
Sept.	7, 1909	30-year Permanent Paving Bonds.....	4½%	100,000.00
Sept.	27, 1910	30-year Permanent Paving Bonds.....	4½%	100,000.00
TOTAL .....				<u>\$4,919,000.00</u>

**Statement of Revenue and Expense for the Years Ended  
February 28, 1911 and 1910.**

REVENUE—	1911.	1910.
Exhibit "B," Schedule No. 1—Ordinary.....	\$1,583,451.76	\$1,523,969.42
Exhibit "B," Schedule No. 2—Extraordinary.....	14,862.32	15,000.00
<b>TOTAL REVENUE .....</b>	<b>\$1,597,314.08</b>	<b>\$1,538,969.42</b>
<b>EXPENSE—</b>		
Exhibit "B," Schedule No. 3—Ordinary.....	\$1,286,129.59	\$1,165,213.09
Exhibit "B," Schedule No. 4—Extraordinary.....	32,169.31	34,552.91
<b>TOTAL EXPENSE .....</b>	<b>\$1,318,298.90</b>	<b>\$1,199,766.00</b>
<b>Excess of Revenue over Expense.....</b>	<b>\$ 279,015.18</b>	<b>\$ 339,203.42</b>
<i>Disbursements for Permanent Improvements from General Revenues—</i>		
Exhibit "B," Schedule No. 5.....	\$ 518,041.41	\$ 349,968.31
<b>REVENUE IN EXCESS OF TOTAL DISBURSEMENTS..*</b>	<b>\$ 239,026.23</b>	<b>*\$ 10,764.89</b>

\* Deficit.

**Exhibit "B".**

### Revenue, Classified and Compared, for the Fiscal Years Ended February 28, 1911 and 1910.

GENERAL GOVERNMENT—			Increase
<i>Law Department—</i>			or Decrease
City Attorney's Office.....	\$ 2,747.37	\$ 1,042.63	\$ 1,704.74
<i>Finance Department—</i>			
Assessor and Collector:			
Interest .....	\$ 6,614.33	\$ 10,282.45	*\$ 3,668.12
Advertising and Costs.....	2,881.52	3,768.32	* 886.80
TOTAL FINANCE DEPARTMENT....	\$ 9,495.85	\$ 14,050.77	*\$ 4,554.92
TOTAL GENERAL GOVERNMENT.....	\$ 12,243.22	\$ 15,093.40	*\$ 2,850.18
PUBLIC SAFETY:			
<i>Police Department—</i>			
Special Details and Appointments..	\$ 2,499.80	\$ 2,374.00	\$ 125.80
Pound Fees .....	3,686.95	3,692.30	* 5.35
Dog Licenses .....	913.00	302.00	611.00
Other .....	124.50	36.50	88.00
TOTAL .....	\$ 7,224.25	\$ 6,404.80	\$ 819.45
<i>Corporation Court—</i>			
Fines and Costs.....	\$ 18,024.66	\$ 16,994.05	\$ 1,030.61
<i>Fire Department—</i>			
Miscellaneous .....	\$ 353.70	\$ 728.50	*\$ 374.80
<i>Health Department—</i>			
Miscellaneous .....	\$ 75.00	\$ 33.60	\$ 41.40
<i>Scavenger Department</i> .....	\$ 18,063.75	\$ 17,052.75	\$ 1,011.00
<i>Electrical Department</i> .....	\$ 3,688.80	\$ 3,422.20	\$ 266.60
TOTAL PUBLIC SAFETY.....	\$ 47,430.16	\$ 44,635.90	\$ 2,794.26
PUBLIC WORKS:			
<i>City Engineer—</i>			
Survey Fees .....	\$ 962.50	\$ 869.00	\$ 93.50
Building Permits .....	3,212.30	2,655.00	557.30
Plumbing and Sewer Inspection Fees	1,695.85	1,379.95	315.90
Other .....	900.50	563.20	337.30
TOTAL .....	\$ 6,771.15	\$ 5,467.15	\$ 1,304.00
<i>Street and Bridge Department</i> .....	\$ 566.99	\$ 3,347.94	*\$ 2,780.95
<i>Garbage Department</i> .....		\$ 4.00	\$ 4.00
TOTAL PUBLIC WORKS.....	\$ 7,338.14	\$ 8,819.09	*\$ 1,480.95
REVENUE ( <i>Forward</i> ) .....	\$ 67,011.52	\$ 68,548.39	*\$ 1,536.87

\* Decrease.

Exhibit "B"—Schedule No. 1.

(Continued)—1.

# Revenue, Classified and Compared, for the Fiscal Years Ended February 28, 1911 and 1910—Continued.

	1911.	1910.	Increase or Decrease
REVENUE ( <i>Forward</i> ) .....	\$ 67,011.52	\$ 68,548.39	*\$ 1,536.87
<b>PUBLIC INDUSTRIES:</b>			
Markets .....	\$ 19,631.20	\$ 19,936.30	*\$ 305.10
Auditorium .....	\$ 50.00	.....	\$ 50.00
Water Department—			
Water Rates .....	\$ 199,888.72	\$ 196,413.58	\$ 3,475.44
Meter Rents .....	10,307.00	.....	10,307.00
Sundries .....	7,123.13	4,611.69	2,511.44
Services .....	6,920.25	8,637.70	* 1,717.45
TOTAL .....	\$ 224,239.10	\$ 209,662.97	\$ 14,576.13
TOTAL PUBLIC INDUSTRIES .....	\$ 243,920.30	\$ 229,599.27	\$ 14,321.03
<b>PUBLIC EDUCATION, RECREATION AND ART:</b>			
Schools .....	\$ 121,717.33	\$ 110,107.78	\$ 11,609.55
Cleveland Park .....	394.90	296.25	98.65
Sam Houston Park .....	337.50	276.00	61.50
TOTAL PUBLIC EDUCATION, RECREATION AND ART .....	\$ 122,449.73	\$ 110,680.03	\$ 11,769.70
<b>TAXATION:</b>			
Ad Valorem Tax .....	\$1,083,693.78	\$1,024,599.52	\$ 59,094.26
Occupation Taxes—			
Liquor .....	\$ 21,046.75	\$ 26,257.45	*\$ 5,210.70
Beer .....	5,992.15	6,936.05	* 943.90
Other .....	4,645.52	3,431.00	1,214.52
TOTAL .....	\$ 31,684.42	\$ 36,624.50	*\$ 4,940.08
Poll Tax .....	\$ 10,597.00	\$ 7,029.00	\$ 3,568.00
Franchise Tax .....	\$ 14,439.65	\$ 21,807.80	*\$ 7,368.15
TOTAL TAXATION .....	\$1,140,414.85	\$1,090,060.82	\$ 50,354.03
PREMIUM ON BONDS .....	\$ 51.00	\$ 1,000.00	*\$ 949.00
MISCELLANEOUS .....	\$ 8,604.36	\$ 24,080.91	*\$ 15,476.55
TOTAL ORDINARY REVENUES .....	\$1,582,451.76	\$1,523,969.42	\$ 58,482.34

## Exhibit "B"—Schedule No. 1.

(Concluded)—2.

REVENUE—EXTRAORDINARY .....	\$ 14,862.32	\$ 15,000.00	*\$ 137.68
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\* Decrease.

## Exhibit "B"—Schedule No. 2.

# Expense, Classified and Compared, for the Fiscal Years Ended February 28, 1911 and 1910.

## ORDINARY EXPENSE—

### GENERAL GOVERNMENT:

#### Executive—

	1911.	1910.	Increase or Decrease
Mayor's Office:			
Salaries .....	\$ 4,000.00	\$ 4,000.00	.....
Other .....	845.66	713.65	\$ 132.01
<b>TOTAL EXECUTIVE .....</b>	<b>\$ 4,845.66</b>	<b>\$ 4,713.65</b>	<b>\$ 132.01</b>

#### Legislative—

City Council:			
Salaries .....	\$ 9,600.00	\$ 9,600.00	.....
City Secretary:			
Salaries .....	\$ 1,200.00	\$ 1,200.00	.....
Stationery and Printing.....	310.50	62.65	\$ 247.85
Other .....	383.50	224.10	159.40
<b>TOTAL .....</b>	<b>\$ 1,894.00</b>	<b>\$ 1,486.75</b>	<b>\$ 407.25</b>
<b>TOTAL LEGISLATIVE .....</b>	<b>\$ 11,494.00</b>	<b>\$ 11,086.75</b>	<b>\$ 407.25</b>

#### Law Department—

City Attorney:			
Salaries .....	\$ 10,074.95	\$ 9,271.96	\$ 802.99
Court Costs .....	2,663.50	1,821.62	841.88
Other .....	778.26	688.46	89.80
<b>TOTAL LAW DEPARTMENT.....</b>	<b>\$ 13,516.71</b>	<b>\$ 11,782.04</b>	<b>\$ 1,734.67</b>

#### Finance Department—

City Controller's Office:			
Salaries .....	\$ 4,971.30	\$ 4,350.00	\$ 621.30
Stationery and Printing.....	152.75	84.50	68.25
Other .....	92.30	385.15	* 292.85
<b>TOTAL .....</b>	<b>\$ 5,216.35</b>	<b>\$ 4,819.65</b>	<b>\$ 396.70</b>

#### City Treasurer:

Salaries .....	\$ 600.00	\$ 600.00	.....
Stationery and Printing.....	.....	23.50	*\$ 23.50
<b>TOTAL .....</b>	<b>\$ 600.00</b>	<b>\$ 623.50</b>	<b>*\$ 23.50</b>

#### Assessor and Collector:

Salaries .....	\$ 14,852.40	\$ 13,439.40	\$ 1,413.00
Advertising .....	735.03	655.70	79.33
Stationery and Printing.....	1,007.25	897.20	110.05
Other .....	530.57	796.10	* 265.53
<b>TOTAL .....</b>	<b>\$ 17,125.25</b>	<b>\$ 15,788.40</b>	<b>\$ 1,336.85</b>

<b>TOTAL FINANCE DEPARTMENT.....</b>	<b>\$ 22,941.60</b>	<b>\$ 21,231.55</b>	<b>\$ 1,710.05</b>
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<b>GENERAL GOVERNMENT (Forward).....</b>	<b>\$ 52,797.97</b>	<b>\$ 48,813.99</b>	<b>\$ 3,983.98</b>
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\* Decrease.

Exhibit "B"—Schedule No. 3.

(Continued)—1.

# Expense, Classified and Compared, for the Fiscal Years Ended February 28, 1911 and 1910—Continued.

	1911.	1910.	Increase or Decrease
ORDINARY EXPENSE (Continued).			
GENERAL GOVERNMENT ( <i>Forward</i> ) . . . . .	\$ 52,797.97	\$ 48,813.99	\$ 3,983.98
Miscellaneous—			
City Hall:			
Repairs and Renewals . . . . .	\$ 386.23	\$ 973.51	*\$ 587.28
Salaries—operation . . . . .	2,515.25	1,441.60	1,073.65
Other—operation . . . . .	2,022.05	1,392.52	629.53
TOTAL . . . . .	\$ 4,923.53	\$ 3,807.63	\$ 1,115.90
Elections:			
Salaries—Judges and Clerks . . . . .	\$ 286.25	\$ 471.40	*\$ 185.15
Stationery and Printing . . . . .	247.00	417.25	* 170.25
Other . . . . .	152.69	157.61	* 4.92
TOTAL . . . . .	\$ 685.94	\$ 1,046.26	*\$ 360.32
Damages Not Chargeable to Dep'ts:			
Injuries to Individuals . . . . .	\$ 550.00	\$ 552.50	*\$ 2.50
Damages to Property . . . . .	595.65	134.75	460.90
TOTAL . . . . .	\$ 1,145.65	\$ 687.25	\$ 458.40
Interest on Bonded Debt . . . . .	\$ 222,052.50	\$ 271,772.50	*\$ 49,720.00
Miscellaneous:			
Salaries . . . . .	\$ 5,761.20	\$ 3,980.00	\$ 1,781.20
Other . . . . .	52,613.19	37,462.37	15,150.82
TOTAL . . . . .	\$ 58,374.39	\$ 41,442.37	\$ 16,932.02
Electric Lights . . . . .	\$ 43,285.40	\$ 39,945.56	\$ 3,339.84
TOTAL MISCELLANEOUS . . . . .	\$ 330,467.41	\$ 358,701.57	*\$ 28,234.16
TOTAL GENERAL GOVERNMENT . . . . .	\$ 383,265.38	\$ 407,515.56	*\$ 24,250.18
ORDINARY EXPENSE ( <i>Forward</i> ) . . . . .	\$ 383,265.38	\$ 407,515.56	*\$ 24,250.18

\* Decrease.

Exhibit "B"—Schedule No. 3.

(Continued)—2.

### Expense, Classified and Compared, for the Fiscal Years Ended February 28, 1911 and 1910—Continued.

	1911.	1910.	Increase or Decrease
ORDINARY EXPENSE ( <i>Forward</i> ).....	\$ 383,265.38	\$ 407,515.56	*\$ 24,250.18
<b>PUBLIC SAFETY:</b>			
<i>Police Department—</i>			
Salaries .....	\$ 104,229.50	\$ 86,826.23	\$ 17,403.27
Repairs and Renewals of Wagons and Harness .....	31.25	17.20	14.05
Live Stock—replacement and keep .....	1,097.70	476.48	621.22
District Attorney .....	.....	200.00	* 200.00
Repairs and Renewals—buildings .....	471.00	258.03	212.97
Repairs and Renewals—equipment .....	6.45	159.50	* 153.05
Light and Heat.....	561.06	450.21	109.85
Subsistence of Prisoners.....	2,544.60	4,207.80	* 1,663.20
Stationery and Printing.....	245.35	184.85	60.50
Other .....	3,078.27	1,991.81	1,086.46
Repairs and Renewals—pound... ..	.....	9.00	* 9.00
Other Expenses—pound .....	505.65	476.47	29.18
TOTAL .....	\$ 112,770.83	\$ 95,257.58	\$ 17,513.25
<i>Corporation Court—</i>			
Salaries .....	\$ 1,800.00	\$ 1,800.00	.....
Other .....	117.50	95.20	\$ 22.30
TOTAL .....	\$ 1,917.50	\$ 1,895.20	\$ 22.30
<i>Fire Department—</i>			
Salaries .....	\$ 92,700.90	\$ 72,120.05	\$ 20,580.85
Repairs and Renewals of Buildings .....	2,690.51	1,312.78	1,377.73
Repairs and Renewals—furniture and bedding .....	39.55	691.05	* 651.50
Repairs and Renewals—equipment .....	14,777.71	6,546.74	8,230.97
Live Stock—replacement and keep .....	7,057.03	10,026.74	* 2,969.71
Fuel for Engines.....	1,411.75	441.10	970.65
Lubricants and Other Engine Sup- plies .....	707.45	231.04	476.41
Chemicals .....	236.24	47.10	189.14
Rent .....	.....	9.15	* 9.15
Light and Heat.....	2,406.28	2,690.12	* 283.84
Stationery and Printing.....	184.55	52.30	132.25
Other .....	2,231.79	1,063.41	1,168.38
TOTAL .....	\$ 124,443.76	\$ 95,231.58	\$ 29,212.18
PUBLIC SAFETY ( <i>Forward</i> ).....	\$ 239,132.09	\$ 192,384.36	\$ 46,747.73
ORDINARY EXPENSE ( <i>Forward</i> ).....	\$ 383,265.38	\$ 407,515.56	*\$ 24,250.18

\* Decrease.

Exhibit "B"—Schedule No. 3.

(Continued)—3.



**Expense, Classified and Compared, for the Fiscal Years Ended  
February 28, 1911 and 1910—Continued.**

	1911.	1910.	Increase or Decrease
ORDINARY EXPENSE ( <i>Forward</i> ).....	\$ 383,265.38	\$ 407,515.56	*\$ 24,250.18
<b>PUBLIC SAFETY (<i>Forward</i>).....</b>	<b>\$ 239,132.09</b>	<b>\$ 192,384.36</b>	<b>\$ 46,747.73</b>
<i>Health Department—</i>			
Salaries—superintendence .....	\$ 4,416.66	\$ 4,024.96	\$ 391.70
Salaries—inspectors .....	11,470.07	9,132.04	2,338.03
Repairs and Renewals—pest house .....	62.87	15.00	47.87
Operation—pest house .....	1,153.70	468.00	685.70
Quarantine Expense .....	6.00	43.50	* 37.50
Laboratory .....	1,677.39	.....	1,677.39
Drugs, Chemicals and Appliances.	2,014.57	3,527.26	* 1,512.69
Stationery and Printing.....	558.75	137.35	421.40
Other .....	3,940.83	586.74	3,354.09
<b>TOTAL .....</b>	<b>\$ 25,300.84</b>	<b>\$ 17,934.85</b>	<b>\$ 7,365.99</b>
<i>Scavenger Department—</i>			
Salaries and Wages.....	\$ 10,688.02	\$ 9,563.07	\$ 1,124.95
Repairs and Renewals—equipment .....	531.94	458.16	73.78
Live Stock—replacement and keep .....	810.42	928.54	* 118.12
Stationery and Printing.....	161.40	90.50	70.90
Other .....	70.65	267.44	* 196.79
<b>TOTAL .....</b>	<b>\$ 12,262.43</b>	<b>\$ 11,307.71</b>	<b>\$ 954.72</b>
<i>Electrical Department—</i>			
Salaries—superintendence .....	\$ 1,800.00	\$ 1,800.00	.....
Salaries—inspectors .....	1,255.00	1,357.50	* 102.50
Repairs and Renewals—fire alarm telegraph .....	3,549.79	1,381.50	2,168.29
Other .....	2,798.17	860.08	1,938.09
<b>TOTAL .....</b>	<b>\$ 9,402.96</b>	<b>\$ 5,399.08</b>	<b>\$ 4,003.88</b>
<b>TOTAL PUBLIC SAFETY.....</b>	<b>\$ 286,098.32</b>	<b>\$ 227,026.00</b>	<b>\$ 59,072.32</b>
<b>PUBLIC WORKS:</b>			
<i>Engineer's Department—</i>			
Salaries .....	\$ 9,729.90	\$ 9,050.70	\$ 679.20
Repairs and Renewals—instru- ments .....	309.50	4.95	304.55
Stationery and Printing.....	299.91	181.81	118.10
Other .....	381.77	394.29	* 12.52
<b>TOTAL .....</b>	<b>\$ 10,721.08</b>	<b>\$ 9,631.75</b>	<b>\$ 1,089.33</b>
<b>PUBLIC WORKS (<i>Forward</i>).....</b>	<b>\$ 10,721.08</b>	<b>\$ 9,631.75</b>	<b>\$ 1,089.33</b>
ORDINARY EXPENSE ( <i>Forward</i> ).....	\$ 669,363.70	\$ 634,541.56	\$ 34,822.14

\* Decrease.

Exhibit "B"—Schedule No. 3.

(Continued)—4.

# Expense, Classified and Compared, for the Fiscal Years Ended February 28, 1911 and 1910—Continued.

	1911.	1910.	Increase or Decrease
ORDINARY EXPENSE ( <i>Forward</i> ).....	\$ 669,363.70	\$ 634,541.56	\$ 34,822.14
PUBLIC WORKS ( <i>Forward</i> ).....	\$ 10,721.08	\$ 9,631.75	\$ 1,089.33
<i>Street and Bridge Department—</i>			
Salaries—superintendence .....	\$ 4,565.00	\$ 3,462.60	\$ 1,102.40
Repairs and Renewals—buildings.	35.80	.....	35.80
Repairs and Renewals—equipment	7,632.21	6,297.57	1,334.64
Repairs and Renewals—bridges..	23,143.36	27,769.72	* 4,626.36
Live Stock—replacement and keep	10,673.89	11,113.04	* 439.15
Street Cleaning .....	34,195.69	29,997.69	4,198.00
Street Repairing .....	31,353.40	29,293.30	2,060.10
Other .....	1,932.17	1,041.31	890.86
TOTAL .....	\$ 113,531.52	\$ 108,975.23	\$ 4,556.29
<i>Garbage Department—</i>			
Salaries .....	\$ 21,918.38	\$ 17,444.90	\$ 4,473.48
Repairs and Renewals—equipment	17.00	17.12	* .12
Live Stock—replacement and keep	.....	2.50	* 2.50
Other .....	27.90	23.50	4.40
TOTAL .....	\$ 21,963.28	\$ 17,488.02	\$ 4,475.26
<i>Sewer Department—</i>			
Sanitary Sewer System—pumping station operation .....	\$ 13,718.72	\$ 13,196.45	\$ 522.27
Sanitary Sewer System—pumping station, repairs and renewals...	2,730.86	2,080.51	650.35
Sanitary Sewer System—filter beds	5,147.29	5,130.00	17.29
Sanitary Sewer System—other....	317.63	146.10	171.53
Sewers—repairs and renewals....	3,548.51	3,613.96	* 65.45
Sewer Inspections .....	1,600.00	1,500.00	100.00
Other .....	553.95	563.00	* 9.05
TOTAL .....	\$ 27,616.96	\$ 26,230.02	\$ 1,386.94
Asphalt .....	\$ 9,741.42	\$ 10,962.33	*\$ 1,220.91
TOTAL PUBLIC WORKS.....	\$ 183,574.26	\$ 173,287.35	\$ 10,286.91
PUBLIC INDUSTRIES:			
<i>Markets—</i>			
Salaries .....	\$ 4,373.35	\$ 4,732.99	*\$ 359.64
Repairs and Renewals of Buildings	986.06	2,690.16	* 1,704.10
Other .....	3,181.06	2,465.41	715.65
TOTAL .....	\$ 8,540.47	\$ 9,888.56	*\$ 1,348.09
PUBLIC INDUSTRIES ( <i>Forward</i> ).....	\$ 8,540.47	\$ 9,888.56	*\$ 1,348.09
ORDINARY EXPENSE ( <i>Forward</i> ).....	\$ 852,937.96	\$ 807,828.91	\$ 45,109.05

\* Decrease.

Exhibit "B"—Schedule No. 3.

(Continued)—5.

# Expense, Classified and Compared, for the Fiscal Years Ended February 28, 1911 and 1910—Continued.

	1911.	1910.	Increase or Decrease
ORDINARY EXPENSE ( <i>Forward</i> ).....	\$ 852,937.96	\$ 807,828.91	\$ 45,109.05
PUBLIC INDUSTRIES ( <i>Forward</i> ).....	\$ 8,540.47	\$ 9,888.56	*\$ 1,348.09
Water Department—			
Salaries—operation .....	\$ 14,034.50	\$ 12,736.36	\$ 1,298.14
Fuel .....	25,538.99	36,654.13	* 11,115.14
Lubricating Oil and Waste.....	1,273.20	1,387.49	* 114.29
Machinery Repairs .....	2,462.61	3,002.28	* 539.67
Building Repairs .....	370.89	4,442.20	* 4,071.31
Other Expenses—pump house....	3,843.39	1,326.27	2,517.12
Salaries—office .....	11,335.00	9,971.45	1,363.55
Repairs—street service .....	4,592.54	7,182.59	* 2,590.05
Service Connections .....	4,198.37	7,788.85	* 3,590.48
Other .....	2,683.36	2,039.54	643.82
Animals—replacement and keep..	1,166.74	.....	1,166.74
Meter Repairs .....	3,269.99	.....	3,269.99
Interest on Bonded Debt.....	54,220.00	.....	54,220.00
TOTAL .....	\$ 128,989.58	\$ 86,531.16	\$ 42,458.42
Auditorium .....	\$ 355.50	.....	\$ 355.50
TOTAL PUBLIC INDUSTRIES....	\$ 137,885.55	\$ 96,419.72	\$ 41,465.83
PUBLIC EDUCATION, RECREATION AND ART:			
Schools—			
Salaries .....	\$ 228,933.14	\$ 205,418.97	\$ 23,514.17
Building Repairs .....	9,024.91	4,741.08	4,283.83
Repairs and Renewals—furniture and fixtures .....	7,070.71	4,076.25	2,994.46
Laboratories .....	1,067.53	1,197.64	* 130.11
Other School Supplies.....	2,494.28	2,395.39	98.89
School Libraries .....	420.14	233.53	186.61
Rent of Sites and Buildings.....	942.50	896.00	46.50
Primary and Kindergarten.....	1,396.39	967.27	429.12
Light and Heat.....	6,444.98	4,808.43	1,636.55
Stationery and Printing.....	1,811.41	1,750.15	61.26
Fire Insurance .....	4,765.17	3,236.76	1,528.41
Permanent Improvements .....	.....	2,539.00	* 2,539.00
Manual Training .....	4,517.42	4,682.71	* 165.29
Domestic Science .....	3,522.77	5,297.55	* 1,774.78
Other .....	3,749.38	1,756.64	1,992.74
TOTAL .....	\$ 276,160.73	\$ 243,997.37	\$ 32,163.36
Parks—			
Salaries .....	\$ 1,009.08	\$ 840.00	\$ 169.08
Repairs and Renewals—buildings	52.85	26.24	26.61
Repairs and Renewals—equipment	43.71	240.57	* 196.86
Maintenance of Grounds.....	2,788.27	3,332.81	* 544.54
Other .....	4,885.05	3,257.27	1,627.78
TOTAL .....	\$ 8,778.96	\$ 7,696.89	\$ 1,082.07
Houston Lyceum and Carnegie Li- brary .....	\$ 9,500.00	\$ 8,500.00	\$ 1,000.00
Cleveland Park .....	\$ 866.39	\$ 770.20	\$ 96.19
TOTAL PUBLIC EDUCATION, RECRE- ATION AND ART.....	\$ 295,306.08	\$ 260,964.46	\$ 34,341.62
TOTAL ORDINARY EXPENSE.....	\$ 1,286,129.59	\$ 1,165,213.09	\$ 120,916.50

\* Decrease.

Exhibit "B"—Schedule No. 3.

(Concluded)—6.

### Expense, Classified and Compared, for the Fiscal Years Ended February 28, 1911 and 1910—Continued.

	1911.	1910.	Increase or Decrease
EXTRAORDINARY EXPENSE:			
<i>Refund Paving Certificates.....</i>	\$ 21,869.31	\$ 23,952.91	*\$ 2,083.60
<i>Certificates of Indebtedness, Storrie</i>	10,300.00	10,600.00	* 300.00
TOTAL EXTRAORDINARY EXPENSE...	\$ 32,169.31	\$ 34,552.91	*\$ 2,383.60

### Exhibit "B"—Schedule No. 4.

### Permanent Improvements from General Revenue.

	1911.	1910.	Increase or Decrease
PERMANENT IMPROVEMENTS:			
<i>Miscellaneous—Exhibit "C" .....</i>	\$ 128,472.40	\$ 108,432.67	\$ 20,039.73
<i>Auditorium .....</i>	244,734.58	99,922.79	144,811.79
<i>Houston Ship Channel.....</i>	21,369.85	21,474.51	* 104.66
<i>Law Department .....</i>	150.00	98.10	51.90
<i>City Hall .....</i>	447.25	663.92	* 216.67
<i>Police Department .....</i>	64.10	3,323.43	* 3,259.33
<i>Electrical Department .....</i>	29,747.00	15,057.93	14,689.07
<i>Street and Bridge Department.....</i>	3,892.97	19,458.84	* 15,565.87
<i>Sewer Department .....</i>	34.65	.....	34.65
<i>Water Department .....</i>	88,594.91	81,142.99	7,451.92
<i>Parks .....</i>	183.70	393.13	* 209.43
<i>Fire Department .....</i>	350.00	.....	350.00
TOTAL PERMANENT IMPROVEMENTS..	\$ 518,041.41	\$ 349,968.31	\$168,073.10

\* Decrease.

### Exhibit "B"—Schedule No. 5.

# Itemized Statement of Miscellaneous Improvements Shown in Exhibit "B"—Schedule No. 5.

WHARVES AND SLIPS.....	\$ 33,109.89
CREMATORY .....	6,050.00
VIADUCT—MAIN STREET .....	1,867.15
OPENING STREETS .....	3,695.63
FILTER BEDS .....	892.50
SANITARY SEWER .....	273.80
DRAINAGE SEWERS:	
McGowen Avenue .....	\$ 2,548.81
Main Street .....	123.67
TOTAL DRAINAGE SEWERS.....	2,672.48
STREETS AND BRIDGES:	
Bridges .....	\$ 1,189.74
Street Signs .....	4,500.01
Bulkhead—Preston Avenue .....	900.00
Retaining Wall—Texas Avenue.....	2,291.34
TOTAL STREETS AND BRIDGES.....	8,881.09
FIRE DEPARTMENT:	
Central Station .....	\$10,854.82
Engine House No. 2.....	21,813.42
TOTAL FIRE DEPARTMENT.....	32,668.24
SCHOOLS:	
Fannin .....	\$31,481.97
Jones .....	237.75
Rusk .....	1,567.50
Longfellow .....	591.40
Douglas .....	1,337.00
Gregory .....	648.00
Chaneyville .....	2,498.00
TOTAL SCHOOLS .....	38,361.62
TOTAL MISCELLANEOUS IMPROVEMENTS.....	\$128,472.40

Exhibit "C".

### Statement of Bond Fund Disbursements, Year Ended February 28, 1911.

**PAYING BOND FUND:**

Cash on hand February 28, 1910.....	\$ 35,223.82
Cash proceeds Bond Issue, September 27, 1910.....	101,888.50

**TOTAL CASH AVAILABLE FOR PAVING.....\$137,112.32**

**DISBURSEMENTS.**

Street.	Amount.
Baldwin .....	\$ 671.10
Burton .....	289.90
Bremond .....	889.40
Buffalo .....	1,623.80
Bute Addition .....	8,623.60
Chapman .....	114.50
Cochran .....	24.90
Crosby .....	1,402.30
Congress .....	1,691.40
Bell .....	816.30
Chenevert .....	106.40
Crawford .....	159.75
Bayland .....	2,874.25
Crockett .....	309.65
Dennis .....	1,924.15
Dart .....	346.65
Drew .....	655.70
Engelke .....	4,398.45
Elysian .....	1,328.25
First Ward Cemetery.....	92.00
German .....	299.35
Gray .....	3,182.69
Garrott .....	362.35
Hardy .....	2,178.90
Harrisburg .....	1,886.30
Henry .....	117.85
Harrington .....	440.75
Ford .....	412.50
Isabella .....	562.95
Jackson .....	159.75
Jefferson .....	14.40
Leeland .....	1,772.90
Louisiana .....	614.00
Hemphill .....	138.20
Main .....	12,941.08
MacGregor .....	405.80
Mason .....	1,812.19
Liberty .....	906.70
Polk .....	392.70
Preston .....	437.31
Providence .....	1,387.20
Runnells .....	904.45

**FORWARD .....**\$59,672.77

**Exhibit "D".**

(Continued)—1.

# Statement of Bond Fund Disbursements, Year Ended February 28, 1911—Continued.

FORWARD .....	\$59,672.77
Rosette .....	\$ 61.00
San Jacinto .....	14,438.23
San Felipe .....	4,512.18
Scott .....	4,128.36
Stuart .....	3,601.84
Sampson .....	353.25
Sherman .....	760.25
Sinclair .....	123.90
Shearn .....	83.00
Travis .....	6,400.63
Texas .....	970.85
Valentine .....	88.00
Woodland Heights .....	1,373.20
Erichson .....	279.85
Washington .....	4,405.38
Welch .....	1,815.30
Whitty .....	54.90
TOTAL PAVING .....	\$103,122.89
LESS UNPAID PAVING VOUCHERS.....	215.00
NET DISBURSEMENTS .....	\$102,907.89
BALANCE ON HAND FEBRUARY 28, 1911, Exhibit "A"	\$ 34,204.43

### Statement of Bond Fund Disbursements, Year Ended February 28, 1911—Concluded.

## WHARVES AND SLIPS BOND FUND:

Cash on hand February 28, 1910.....	\$ 88,429.11
<i>Disbursements:</i>	
Constructing Wharves and Slips, Turning Basin.....	88,429.11

## SANITARY SEWER BOND FUND:

Cash on hand February 28, 1910.....	\$182,259.74
Cash received from Bills for Collection.....	503.88

TOTAL CASH AVAILABLE FOR SANITARY SEWERS.....	\$182,763.62
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## DISBURSEMENTS.

	Amount.
First and Sixth Wards.....	\$11,324.44
Fifth Ward .....	88,076.40
Fourth Ward .....	13,219.83
South Side Filter Beds.....	24,625.00
Milby Street .....	445.00
Hamilton Street .....	796.50
Hutchins and Calhoun Streets.....	500.00
Lamar School .....	109.35

TOTAL SANITARY SEWERS.....	\$139,096.52
Pipe Sold Other Departments.....	1,007.76

TOTAL .....	\$140,104.28
Less Unpaid Vouchers.....	302.41

NET DISBURSEMENTS .....	139,801.87
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BALANCE ON HAND FEBRUARY 28, 1911, Exhibit "A"	\$ 42,961.75
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## DRAINAGE SEWER BOND FUND:

Cash on Hand February 28, 1910.....	\$186,759.66
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## DISBURSEMENTS.

	Amount.
Austin Street Storm Sewer.....	\$176,338.85
Alamo Street .....	600.00
Young's Avenue .....	938.50
Texas Avenue .....	1,746.85
Prairie Avenue .....	252.33
McGowen Avenue .....	6,883.13

TOTAL .....	\$186,759.66
Less Unpaid Vouchers.....	1.87

NET DISBURSEMENTS .....	\$186,757.79
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BALANCE ON HAND FEBRUARY 28, 1911, Exhibit "A"	\$ 1.87
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### Exhibit "D".

(Concluded)—3.



# Statement of Department Expenses for the Year Ended February 28, 1911, Showing Budget Allowances and Expenses.

	Amount Appropriated	Amount Expended	Expended More than Appropriated	Expended Less than Appropriated
EXECUTIVE:				
Mayor .....	\$ 5,000.00	\$ 4,845.66	.....	\$ 154.34
LEGISLATIVE:				
City Secretary .....	1,500.00	1,894.00	394.00	.....
City Council .....	9,600.00	9,600.00	.....	.....
LAW DEPARTMENT:				
City Attorney .....	10,500.00	13,516.71	3,016.71	.....
FINANCE DEPARTMENT:				
Controller .....	4,250.00	5,216.35	966.35	.....
Treasurer .....	620.00	600.00	.....	20.00
Assessor and Collector...	13,500.00	17,125.25	3,625.25	.....
MISCELLANEOUS DEPARTMENTS:				
City Hall .....	3,000.00	4,923.53	1,923.53	.....
Elections .....	1,000.00	685.94	.....	314.06
Damages Not Chargeable to Departments .....	1,000.00	1,145.65	145.65	.....
Interest on Bonds .....	222,400.00	222,052.50	.....	347.50
Miscellaneous Expenses..	15,000.00	58,374.39	43,374.39	.....
Electric Lights .....	50,000.00	43,285.40	.....	6,714.60
PUBLIC SAFETY:				
Police Department .....	100,000.00	112,770.83	12,770.83	.....
Corporation Court .....	1,900.00	1,917.50	17.50	.....
Fire Department .....	100,000.00	124,443.76	24,443.76	.....
Health Department .....	16,000.00	25,300.84	9,300.84	.....
Scavenger Department...	13,000.00	12,262.43	.....	737.57
Electrical Department...	5,500.00	9,402.96	3,902.96	.....
PUBLIC WORKS:				
Engineer .....	12,000.00	10,721.08	.....	1,278.92
Street and Bridge .....	85,000.00	113,531.52	28,531.52	.....
Garbage .....	16,000.00	21,963.28	5,963.28	.....
Sewer .....	25,000.00	27,616.96	2,616.96	.....
Asphalt .....	.....	9,741.42	9,741.42	.....
PUBLIC INDUSTRIES:				
Market .....	7,000.00	8,540.47	1,540.47	.....
Water Dept., Expenses...	80,000.00	74,769.58	.....	5,230.42
Water Dept., Int. on Bonds	55,000.00	54,220.00	.....	780.00
Auditorium .....	.....	355.50	355.50	.....
PUBLIC EDUCATION, RECREATION AND ART:				
Schools .....	246,968.75	276,160.73	29,191.98	.....
Parks .....	9,000.00	9,645.35	645.35	.....
Carnegie Library .....	9,500.00	9,500.00	.....	.....
EXTRAORDINARY:				
Storrie Certificates .....	10,300.00	10,300.00	.....	.....
Refund Paving Cert'cates	21,000.00	21,869.31	869.31	.....
Houston Ship Channel...	20,000.00	21,369.85	1,369.85	.....
Permanent Improvements	.....	496,671.56	496,671.56	.....
TOTAL .....	\$1,170,538.75	\$1,835,984.81	\$681,023.47	\$15,577.41
		1,170,538.75	15,577.41	
		\$ 665,446.06	\$665,446.06	

Exhibit "E".



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ANNUAL REPORT

OF

T. C. DUNN,

CITY TREASURER,

*For the Year Ending February 28, 1911.*

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# Annual Report of T. C. Dunn, City Treasurer,

For Fiscal Year Ending February 28, 1911.

## RECEIPTS.

1910.	Sinking Fund.	General Fund.	Special Fund.	Water Dept. Fund.	Bond Paving Fund.	Bond Issues	
						Oct. 26, 1908 Fund.	Public School Fund.
March .....	.....	\$ 96,762.22	\$ 300.00	\$ 16,657.46	.....	.....	\$ 64,289.00
April .....	\$4,220.00	97,080.67	420.00	22,656.71	.....	.....	18,148.51
May .....	.....	89,658.03	495.00	13,888.79	.....	.....	55,359.50
June .....	.....	187,875.95	445.00	17,489.73	.....	\$ 503.88	4,335.75
July .....	.....	216,649.95	520.00	17,947.36	.....	.....	620.44
August .....	.....	113,934.75	3,060.00	18,393.03	.....	.....	38,187.10
September .....	.....	152,258.18	470.00	17,278.54	.....	.....	2,692.24
October .....	.....	106,313.37	500.00	17,264.71	.....	.....	3,133.75
November .....	.....	115,668.32	745.50	12,567.77	.....	.....	6,170.75
December .....	.....	484,801.33	245.00	18,108.99	.....	.....	13,804.25
1911.							
January .....	.....	240,338.31	565.00	17,481.53	.....	.....	9,153.00
February .....	.....	127,135.30	655.00	24,304.60	\$101,888.50	.....	52,795.71
Total receipts for fiscal year ending February 28, 1911.....	\$4,220.00	\$2,028,476.38	\$8,420.50	\$214,039.22	\$101,888.50	\$ 503.88	\$268,690.00
Balances brought over from last fiscal year ending Feb. 28, 1910..	.....	17,696.67	1,101.70	10,835.23	35,223.82	457,448.51	1,695.69
	\$4,220.00	\$2,046,173.05	\$9,522.20	\$224,874.45	\$137,112.32	\$457,952.39	\$270,385.69

## DISBURSEMENTS.

	Sinking Fund.	General Fund.	Special Fund.	Water Dept. Fund.	Bond Paying Fund.	Bond Issues Oct. 26, 1908 Fund.	Public School Fund.
1910.							
March .....	.....	\$ 64,221.15	\$ 370.00	\$ 22,889.54	\$ 3,710.70	\$ 31,480.80	\$ 62,184.40
April .....	.....	84,928.03	435.00	14,675.60	19,332.98	53,420.86	43,996.08
May .....	.....	134,834.09	90.00	10,222.71	6,327.96	76,257.30	32,925.81
June .....	.....	193,518.85	1,015.00	11,683.70	9,659.65	41,523.58	28,601.22
July .....	.....	188,732.85	95.00	13,577.16	.....	26,091.89	5,856.83
August .....	.....	141,645.92	195.00	46,407.60	.....	43,058.35	8,758.64
September .....	.....	177,306.60	745.00	11,518.12	.....	30,682.61	11,404.88
October .....	.....	172,762.19	660.00	11,320.21	.....	31,219.48	27,362.87
November .....	.....	163,623.15	520.00	11,258.35	.....	24,123.71	33,474.09
December .....	.....	196,139.47	410.00	30,169.36	.....	22,900.84	44,878.49
1911.							
January .....	.....	332,597.46	795.00	8,577.29	.....	12,138.19	16,594.37
February .....	.....	194,032.19	520.50	32,539.08	63,876.60	22,091.16	27,093.01
Total disbursements for fiscal year end- ing Feb. 28, 1911....	.....	\$2,044,441.95	\$5,850.50	\$224,838.72	\$102,907.89	\$414,988.77	\$343,130.69
Balances on hand .....	\$4,220.00	1,731.10	3,671.70	35.73	34,204.43	42,963.62	* 12,745.00
	\$4,220.00	\$2,046,173.05	\$9,522.20	\$224,874.45	\$137,112.32	\$457,952.39	\$270,385.69

\* Deficit.

STATE OF TEXAS,        }  
COUNTY OF HARRIS. } SS

This affiant, T. C. Dunn, City Treasurer, being first duly sworn, says that the foregoing is a full and true statement of all matters relating thereto for the period covered by this report to the best of his knowledge and belief.

T. C. DUNN,  
*City Treasurer.*

Subscribed and sworn to before me this 4th day of March, 1911.

(SEAL)

D. W. COOLEY,  
*Notary Public, Harris County, Texas.*

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ANNUAL REPORT

OF

JAMES P. WELSH,  
CITY ASSESSOR AND COLLECTOR,

SHOWING COLLECTION AND  
DISPOSITION OF TAXES

*For the Year Ending February 28, 1911.*

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## REPORT OF CITY ASSESSOR AND COLLECTOR.

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HOUSTON, TEXAS, March 6, 1911.

TO THE HON. H. B. RICE,  
*Mayor of the City of Houston.*

DEAR SIR:—In compliance with Article VII, Section 10, requiring the head of each department to make his annual report each year, the following for the year 1910 is respectfully submitted.

The assessed valuation for said year is—

Rendered Roll .....	\$58,015,213.00
Unrendered Roll .....	4,422,820.00
Supplemental Roll .....	1,308,660.00
	<hr/>
	\$63,746,693.00

Showing a natural increase in value of \$3,486,033.00 for 1910, as no raise in values was made by the Board of Appraisalment. The tax rate being \$1.70 per \$100.00 valuation, would make taxes to be collected \$1,083,693.78, of which about 97 per cent has been paid. The collections and disbursements for the fiscal year speak for themselves, as hereto attached.

I would recommend an appropriation of \$15,000.00 for the next fiscal year 1911.

Yours truly,

JAS. P. WELSH,  
*City Assessor and Collector.*



Report of Collections and Distributions for the Year Commencing March  
1, 1910, and Ending February 28, 1911.

## COLLECTIONS.

Ad Valorem Tax—Bonds .....	\$531,420.26	
General .....	531,420.43	\$1,062,840.69
Costs—Interest .....	\$ 6,614.33	
Advertising and other.....	2,881.52	
Court .....	1,356.42	10,852.27
Occupation Tax—Liquor .....	\$ 21,046.75	
Beer .....	5,992.15	
Other .....	4,644.97	31,683.87
Poll Tax .....	\$ 10,596.00	10,596.00
Franchise Tax .....	\$ 14,439.65	14,439.65
Special Deposits .....	\$ 8,510.50	
Permits and Fees.....	6,757.65	
Miscellaneous .....	66,307.35	
Bills for Collection.....	23,695.19	
Bills for Collection.....	503.88	105,774.57
Water Department .....	\$215,488.34	215,488.34
		<u>\$1,451,675.39</u>
Balance on hand February 28, 1910.....		4,939.76
Total .....		<u>\$1,456,615.15</u>

## DISTRIBUTIONS.

Deposited with City Treasurer:		
March, 1910.....	\$ 35,667.55	
April, " .....	38,858.59	
May, " .....	28,245.01	
June, " .....	145,604.02	
July, " .....	154,552.14	
August, " .....	59,949.37	
September, " .....	75,531.72	
October, " .....	43,446.05	
November, " .....	53,811.83	
December, " .....	502,808.67	
January, 1911.....	253,884.09	
February, " .....	62,158.91	\$1,454,517.95
Balance on hand February 28, 1911.....		2,097.20
Total .....		<u>\$1,456,615.15</u>



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ANNUAL REPORT

OF

T. C. TARVER, JR.,

CITY ENGINEER,

*For the Year Ending February 28, 1911.*

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## REPORT OF CITY ENGINEER.

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HOUSTON, TEXAS, March 1, 1911.

TO THE HON. H. B. RICE,  
*Mayor of the City of Houston.*

DEAR SIR:—I have the honor to submit herewith a report of the operations of the Engineering Department for the year ending February 28, 1911.

### REVIEW.

The year ending February 28, 1910, was a remarkable one indeed in the way of industrial advancement and municipal progression, but it was only as a stepping-stone to this year. The year ending February 28, 1911, will go down in the history of our city as the real foundation for "Greater Houston." More was done toward the building of a great city during the past year in Houston than has been done in any one year previous for cities with many times our population. The greatest step taken toward progression by far was the passage by unanimous vote, we might say, for the issue of deep water and Main Street viaduct bonds. This will attract capital, which, in turn, brings the labor of the country to our city.

The new Auditorium, built by the Commission out of the general revenue, is a monument to this city. This magnificent building puts our city in a position to ask for and encourage the conventions of the country to be our guests, and thus advertise our city to the world. It also, in turn, gives our citizens a chance to see and hear the country's greatest men.

The completion of the Austin Street storm sewer to Elgin Avenue, Harris County's new court house, the new terminal

station, the Carter building, the extensions of our sewer and water mains, the increase of our pavements to one and one-half times that of last year, the extension of our car lines, breaking of ground for the Rice Institute buildings, the completion of the steel frame for the Sunset building, and near completion of the Bender Hotel, the removal of the unsightly poles from Main and other streets of our city, the extension of the gas main, the breaking of ground for the two telephone companies' buildings, the near completion of the Federal building, and the numerous other improvements carried on by private parties and corporations, mark a great progress for our city, and enhance the value of property many thousand dollars.

#### SANITARY SEWERS.

The completion of the Fifth Ward sanitary sewer gives this portion of the town one of the best mains of the city, and will provide in the future for thorough sewerage of this part of the city.

The work on the First and Sixth Ward sewers is also a noted improvement for the northwest section of town, and has advanced property valuation in this section.

The Fourth Ward sanitary sewer has also been completed, and numerous private laterals have been laid, running in all directions from this main.

This work was done under Engineer F. L. Dormant's office, and will be tabulated in his report.

The report of Sewer Inspector John Heffernan shows the operation of this department, and is indeed a marked improvement shown in extension of sewer mains over the report of last year.

Fifteen-inch, ten-inch and eight-inch mains have been constructed in the southwest section of our city by the Houston Land Corporation, and marked improvement has begun to show in this section.

The Board of Plumbing Examiners was installed and has been a great aid to our Plumbing Inspector in his work.

## PAVEMENTS.

There were thirteen and one-half miles of pavements laid in the city during the twelve months ending February 28, 1911, at a cost of \$135,000.00, besides the amount expended by the Street and Bridge Department in maintaining those previously constructed, and not including the many pavements now under construction, which are tabulated further on. The rapid growth of Houston has made the extensive paving work necessary, and also increased the repairs to present pavements.

## ASPHALT REPAIRS.

An increase of 3,742.69 square yards of asphalt is shown in our repair work this year over that of last year.

The total repair work done on asphalt was 14,299.89 square yards, or 9 per cent of our total yardage. However, this is not a deterioration of 9 per cent, for 3 per cent of the total repairs was due to excavating for underground pipe, and was replaced at the expense of the corporation making these excavations.

Mr. J. W. Link, for the Houston Land Corporation, is constructing eleven blocks of Texas Co. asphalt paving in the addition he is now improving.

## BRICK PAVEMENTS.

The brick paving for the past twelve months include:

Main Street from Berry to G. H. & S. A. Ry. crossing.

San Jacinto Street from Leeland Avenue to McGowen Avenue.

Travis Street from Leeland Avenue to Dallas Street.

These were constructed by Contractor A. T. Lucas, and are in the busy section of the city.

Washington Avenue from Fifth to Eighth Street was done by the city itself, and passes in front of the Houston & Texas Central R. R. depot.

Crawford Street from Prairie Avenue was resurfaced and put on a concrete foundation by the Belt and Terminal Co. in front of their new depot.

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**SHELL PAVEMENTS.**

Eleven and one-half miles of shell pavement was laid during the past twelve months in all sections of the city. This pavement has become very popular, and petitions rush in from all sections asking for this class of paving. The tabulation shows five and two-tenths blocks now under actual construction by the city, and seventy-three blocks partially completed by Mr. J. W. Link, of the Houston Land Corporation, in his new subdivision. This paving is to have an asphalt dust-proof topping.

**GRAVEL STREETS.**

Twelve hundred feet of gravel pavement was constructed during the year, and five blocks on Tenth Street is now under construction.

Extensive work was done by the Street and Bridge Department on gravel repairs.

I wish, also, to state here that Commissioner Jack Kennedy had his men grade some of the shell streets, which materially aided us when we were rushed.

**SIDEWALKS AND CURBS.**

So extensive has been the work of curb and sidewalks, that the office force at present is not large enough to keep up better than seven days behind permits. This work, for the most part, has been taken up systematically by property owners—working out whole districts, and asking that all join in this work.

**SURVEYS, ESTIMATES AND PLANS.**

The fees received from surveys for the twelve months ending February 28, 1911, show an increase of 10 per cent over last year.

A large per cent of these were surveys for buildings, and are within the business district of the city. The survey crew during the past year re-run the Main Street centers, and have begun sectional surveys of the city. They have

set curb and sidewalk grades, together with making drainage surveys over many sections of the city.

As there are a great deal of improvements in the way of new additions springing up throughout the entire city, a great deal of the crew's time is occupied making these fit other parts of the town.

The report of Building Inspector W. X. Norris is herewith inclosed, and shows a slight decrease in buildings over last year.

#### RECOMMENDATIONS.

I wish to recommend, first, that plats of all proposed additions, or subdivisions of property within the corporate limits, be approved by the City Engineer before said addition, or subdivision, be accepted by the city—in order that our street lines may be made continuous and our drainage not be tampered with.

#### CONCLUSION.

I desire to express my thanks to you and the Commissioners, and every department connected with the city, for courtesy and systematic co-operation; also to commend each member of this department for the faithful discharge of his duty. And to thank all parties that have aided us with their co-operation in bringing about the many things accomplished.

Respectfully submitted,

T. C. TARVER, JR.,  
*City Engineer.*



## New Pavements for the Year 1911.

## BRICK PAVEMENTS.

<i>Main Street, from Berry Avenue to G. H. &amp; S. A. Ry.</i> .....	10 Blocks
Length .....	2,813 ft.
Width .....	35 ft.
Square yards .....	10,930.34
Cost .....	\$27,747.95
Cost per square yard.....	\$2.538
(N. B.—4-inch concrete foundation, 1-inch sand cushion, Coffeyville brick with asphalt filler.)	

<i>San Jacinto Street, from Leeland to McGowen Avenue</i> .....	10 Blocks
Length .....	3,095 ft.
Width .....	35 ft.
Square yards .....	11,965.33
Total cost .....	\$30,318.41
Cost per square yard.....	\$2.617
(N. B.—4-inch concrete foundation, 1½-inch sand cushion, Coffeyville brick, with asphalt filler.)	

<i>Travis Street, from Dallas to Leeland Avenue</i> .....	4 Blocks
Length .....	1,317.5 ft.
Width .....	35 ft.
Square yards .....	3,994.94
Total cost .....	\$11,570.57
Deductions (Houston Electric Company).....	1,542.57
Total cost to City.....	\$10,028.00
Cost per square yard.....	\$2.535
(N. B.—4-inch concrete foundation, 1½-inch sand cushion, Coffeyville brick, with asphalt filler.)	

<i>Washington Avenue, from Fifth to Eighth Streets</i> .....	3 Blocks
Length .....	1,038 ft.
Width .....	54 ft.
Square yards .....	7,461.28
Deductions (Houston Electric Company).....	\$392.90
Total cost to City.....	\$7,218.68
Cost per square yard.....	\$1.62
(N. B.—Street resurfaced on old 5-inch concrete foundation already in place, 2-inch sand cushion, Coffeyville brick.)	

THE FOLLOWING STREETS TO BE PAVED WITH BRICK WITHIN THE  
NEXT THREE MONTHS.

*Washington Avenue, from Brashear Street to G. H. & S. A. Ry.*

## ASPHALT REPAIRS.

Total square yards.....	14,299.89
Cost, labor and material.....	\$17,315.73
Deductions (Houston Electric Co. and others).....	\$7,042.64
Material on hand.....	\$307.54
Total cost to City.....	\$9,965.55
Cost per square yard.....	\$0.696

## SHELL PAVEMENTS.

<i>Isabella Avenue, from Fannin to Travis Street.....</i>	<i>2 Blocks</i>
Length .....	542 ft.
Width .....	26 ft.
Square yards .....	566
Total cost .....	\$562.95
Cost per square yard.....	\$0.36
<i>Bremond Avenue, from Main to San Jacinto Street.....</i>	<i>2 Blocks</i>
Length .....	625 ft.
Width .....	30 ft.
Square yards .....	2,083
Total cost .....	\$889.40
Cost per square yard.....	\$0.427
<i>Leeland Avenue, from Sampson to Milby Street.....</i>	<i>5 Blocks</i>
Length .....	1,475 ft.
Width (Scott to Milby).....	20 ft.
Width (Scott to Sampson).....	40 ft.
Square yards .....	4,791
Total cost .....	\$1,772.90
Cost per square yard.....	\$0.370
<i>Gray Avenue, from Main to Sherman Street.....</i>	<i>6½ Blocks</i>
Length .....	1,994 ft.
Width .....	35 ft.
Square yards .....	7,190
Total cost .....	\$2,387.00
Cost per square yard.....	\$0.332
<i>Baldwin Street, from Calhoun to Webster Street.....</i>	<i>3 Blocks</i>
Length .....	989 ft.
Width .....	35 ft.
Square yards .....	3,846
Total cost .....	\$1,276.79
Cost per square yard.....	\$0.332
<i>Polk Avenue, from Main to Travis Street.....</i>	<i>1 Block</i>
Length .....	296 ft.
Width .....	35 ft.
Square yards .....	1,151
Total cost .....	\$392.70
Cost per square yard.....	\$0.341

<i>Travis Street, Holman to Alabama Avenue.....</i>	3 Blocks
Length .....	770 ft.
Width .....	35 ft.
Square yards .....	2,995
Total cost .....	\$653.80
Cost per square yard.....	\$0.218
<i>Mason Street, from McCrae to Pacific Street.....</i>	7 Blocks
Length .....	1,945 ft.
Width .....	25 ft.
Square yards .....	5,404
Total cost .....	\$1,769.69
Cost per square yard.....	\$0.328
<i>Texas Avenue, from Milam to Louisiana Street.....</i>	1 Block
Length .....	283 ft.
Width .....	60 ft.
Square yards .....	1,887
Total cost .....	\$790.85
Cost per square yard.....	\$0.42
<i>Louisiana Street, from Texas to Capitol Avenue.....</i>	1 Block
Length .....	353 ft.
Width .....	35 ft.
Square yards .....	1,373
Total cost .....	\$614.00
Cost per square yard.....	\$0.447
<i>Drew Avenue, from Austin to Crawford Street.....</i>	2 Blocks
Length .....	410 ft.
Width .....	25 ft.
Square yards .....	1,140
Total cost .....	\$639.70
Cost per square yard.....	\$0.561
<i>Bayland Avenue, from Houston Avenue to Julien Street.....</i>	8 Blocks
Length .....	3,088 ft.
Width .....	35 ft.
Square yards .....	12,009
Total cost .....	\$5,341.85
Cost per square yard.....	\$0.445
<i>MacGregor Avenue, from Main to Travis Street.....</i>	1 Block
Length .....	298 ft.
Width .....	26 ft.
Square yards .....	861
Total cost .....	\$358.10
Cost per square yard.....	\$0.416

<i>Engelke Street, from Buffalo to Milby Street</i> .....	13 Blocks
Length .....	3,906 ft.
Width (from Buffalo to Palmer Street).....	18 ft.
Width (from Palmer to Milby Street).....	26 ft.
Square yards .....	9,644
Total cost .....	\$2,649.75
Cost per square yard.....	\$0.275
<i>San Felipe Street, from Travis to Wilson Street</i> .....	15 Blocks
Length .....	4,632 ft.
Width .....	31.5 ft.
Square yards .....	15,580
Total cost .....	\$2,838.88
Cost per square yard.....	\$0.182
<i>Dennis Avenue, from Smith to Genessee Street</i> .....	7 Blocks
Length .....	2,253 ft.
Width .....	26 ft.
Square yards .....	6,509
Total cost .....	\$2,081.05
Cost per square yard.....	\$0.319
<i>Welch Street, from Genessee to G. H. &amp; S. A. Ry</i> .....	9 Blocks
Length .....	2,200 ft.
Width .....	26 ft.
Square yards .....	6,356
Total cost .....	\$2,031.65
Cost per square yard.....	\$0.319
<i>Buffalo Street, from Engelke to Preston Avenue</i> .....	8 Blocks
Length .....	2,013 ft.
Width .....	26 ft.
Square yards .....	5,814
Total cost .....	\$1,755.80
Cost per square yard.....	\$0.302
<i>Avenue A, from Travis to Garrott Street</i> .....	4½ Blocks
Length .....	1,350 ft.
Width .....	30 ft.
Square yards .....	4,500
Total cost .....	\$1,104.65
Cost per square yard.....	\$0.245
<i>West Main Street, from Travis to Garrott Street</i> .....	4½ Blocks
Length .....	1,192 ft.
Width .....	30 ft.
Square yards .....	3,973
Total cost .....	\$934.70
Cost per square yard.....	\$0.235

<i>Avenue C, from Garrott to Main Street</i> .....	3 Blocks
Length .....	996 ft.
Width .....	30 ft.
Square yards.....	3,504
Total cost.....	\$849.75
Cost per square yard.....	\$0.242
<i>Avenue D, from Garrott to Main Street</i> .....	3 Blocks
Length .....	840 ft.
Width .....	28 ft.
Square yards.....	2,614
Total cost.....	\$679.80
Cost per square yard.....	\$0.26
<i>Day Street, from Ross to Avenue C</i> .....	4 Blocks
Length .....	1,215 ft.
Width .....	30 ft.
Square yards.....	4,050
Total cost.....	\$977.20
Cost per square yard.....	\$0.241
<i>House Street, from Ross to Avenue B</i> .....	5 Blocks
Length .....	1,476 ft.
Width .....	30 ft.
Square yards.....	4,918
Total cost.....	\$1,189.65
Cost per square yard.....	\$0.242
<i>Bute Street, from Ross to Avenue D</i> .....	5 Blocks
Length .....	1,476 ft.
Width .....	30 ft.
Square yards.....	4,918
Total cost .....	\$1,189.65
Cost per square yard.....	\$0.242
<i>Garrott Street, from Ross to Avenue C</i> .....	4 Blocks
Length .....	1,215 ft.
Width .....	30 ft.
Square yards.....	4,050
Total cost.....	\$977.20
Cost per square yard.....	\$0.241
<i>Garrott Street, from Ross to Hawthorne Street</i> .....	4 Blocks
Length .....	1,257 ft.
Width .....	23 ft.
Square yards.....	3,212
Total cost.....	\$666.35
Cost per square yard.....	\$0.207

<i>Liberty Avenue, from Maffit to Hardy Street.....</i>	3 Blocks
Length .....	766 ft.
Width .....	30 ft.
Square yards.....	2,553
Total cost.....	\$1,374.90
Cost per square yard.....	\$0.538
<i>Harrington Street, from Hardy to Maury Street.....</i>	2 Blocks
Length .....	511 ft.
Width .....	35 ft.
Square yards.....	1,987
Total cost.....	\$748.55
Cost per square yard.....	\$0.376
<i>Calhoun Street, from Baldwin to Bagby Street.....</i>	1 Block
Length .....	290 ft.
Width .....	22 ft.
Square yards.....	709
(Note.—Paving done by adjoining property owners without cost to City.)	
<i>Truxillo Street, from Travis to Main Street.....</i>	1 Block
Length .....	333 ft.
Width .....	27 ft.
Square yards.....	999
Total cost.....	\$254.95
Cost per square yard.....	\$0.255
<i>Travis Street, from Truxillo to Avenue B.....</i>	2 Blocks
Length .....	458 ft.
Width .....	30 ft.
Square yards.....	1,526
Total cost.....	\$399.90
Cost per square yard.....	\$0.223
<i>Sherman Street, from Milby to St. Stephly Street.....</i>	3 Blocks
Length .....	1,000 ft.
Width .....	20 ft.
Square yards.....	2,222
Total cost.....	\$859.85
Cost per square yard.....	\$0.387
<i>Scott Street, from Calhoun to Polk Street.....</i>	5 Blocks
Length .....	2,280 ft.
Width .....	30 ft.
Square yards.....	7,600
Total cost.....	\$2,635.86
Cost per square yard.....	\$0.347

<i>York Street, Polk to McKinney Street</i> .....	3 Blocks
Length .....	890 ft.
Width .....	30 ft.
Square yards.....	2,970
Total cost.....	\$1,030.00
Cost per square yard.....	\$0.347
<i>Bell Avenue, from San Jacinto to Travis Street</i> .....	3 Blocks
Length .....	901 ft.
Width .....	34.6 ft.
Square Yards.....	3,464
Total cost.....	\$1,380.00
Cost per square yard.....	\$0.377
<i>Ware Street, from Tenth west</i> .....	2 Blocks
Length .....	428 ft.
Width .....	18 ft.
Square yards.....	856
Total cost.....	\$346.65
Cost per square yard.....	\$0.405
<i>Burton Street, from Erichson to Hardcastle Street</i> .....	1 Block
Length .....	236 ft.
Width .....	30 ft.
Square yards.....	787
Total cost.....	\$134.45
Cost per square yard.....	\$0.17
<i>Erichson Street, from Burton to Gulley</i> .....	1 Block
Length .....	182 ft.
Width .....	30 ft.
Square yards.....	607
Total cost.....	\$102.45
Cost per square yard.....	\$0.17
<i>Rosette Street, from Burton to Crosby Street</i> .....	2 Blocks
Length .....	431 ft.
Width .....	20 ft.
Square yards.....	958
Total cost.....	\$164.10
Cost per square yard.....	\$0.171
<i>Crosby Street, from Hardcastle to Shipman Street</i> .....	1 Block
Length .....	279 ft.
Width .....	23 ft.
Square yards.....	713
Total cost.....	\$121.30
Cost per square yard.....	\$0.17

<i>Shipman Street, from Heiner to Crosby</i> .....	1 Block
<i>Shipman Street, from Burton to Gulley</i> .....	1 Block
Length .....	402 ft.
Width (Heiner to Crosby Street).....	20.5 ft.
Width (Burton to Gulley).....	23 ft.
Square yards.....	946
Total cost.....	\$158.55
Cost per square yard.....	\$0.168
<i>Congress Street, from Shepherd to Velasco Street</i> .....	4 Blocks
Length .....	1,289 ft.
Width .....	30 ft.
Square yards.....	4,297
Total cost.....	\$1,691.40
Cost per square yard.....	\$0.393
<i>Hardy Street, from Sterrett to Conti Street</i> .....	4 Blocks
Length .....	1,281 ft.
Width .....	35 ft.
Square yards.....	5,759
Total cost.....	\$2,204.95
Cost per square yard.....	\$0.383
<i>Providence Street, from McKee to Maffit Street</i> .....	4 Blocks
Length .....	996 ft.
Width .....	35 ft.
Square yards.....	3,873
Total cost.....	\$1,388.45
Cost per square yard.....	\$0.358
<i>Elysian Street, from Nance to Conti Street</i> .....	3 Blocks
Length .....	969 ft.
Width .....	35 ft.
Square yards.....	3,768
Total cost.....	\$1,161.75
Cost per square yard.....	\$0.308
<i>Hemphill Street, from Center to H. &amp; T. C. Ry</i> .....	1 Block
Length .....	215 ft.
Width .....	22 ft.
Square yards.....	526
Total cost.....	\$218.00
Cost per square yard.....	\$0.414
<i>Whitty Street, from Quitman to Crosby Street</i> .....	1½ Blocks
Length .....	430 ft.
Width .....	20 ft.
Square yards.....	956
Total cost.....	\$160.70
Cost per square yard.....	\$0.168



<i>Runnels Street, from Shepherd to Buffalo Street.....</i>	3 Blocks
Length .....	868 ft.
Width .....	21 ft.
Square yards.....	2,025
Total cost.....	\$803.85
Cost per square yard.....	\$0.396
<i>Harrisburg Road Resurfacing, from Milby to Stiles.....</i>	11 Blocks
Length .....	4,042 ft.
Width .....	35 ft.
Square yards.....	15,719
Total cost.....	\$1,826.30
Cost per square yard.....	\$0.116
(Note.—This street resurfaced and sprinkled with oil.)	
<i>Crockett Street Resurfacing, from Houston Avenue to Bridge.....</i>	5 Blocks
Length .....	1,882 ft.
Width .....	18 ft.
Square yards.....	3,764
Total cost .....	\$647.65
Cost per square yard.....	\$0.172
<i>Sampson Street Resurfacing, from Harrisburg Rd. to Congress.....</i>	2 Blocks
Length .....	642 ft.
Width .....	22 ft.
Square yards.....	1,569
Total cost.....	\$353.25
Cost per square yard.....	\$0.225

## GRAVEL STREETS.

<i>Valentine Street, from San Felipe to Howard Street.....</i>	1 Block
Length .....	267 ft.
Width .....	16 ft.
Square yards.....	474
Total cost.....	\$88.00
Cost per square yard.....	\$0.186
(Note.—Paved with gravel taken from San Felipe Street.)	
<i>Hardcastle Street, from Heiner to Crosby Street.....</i>	1 Block
Length .....	291 ft.
Width .....	20 ft.
Square yards.....	647
Total cost.....	\$173.20
Cost per square yard.....	\$0.268
(Note.—Paved with gravel taken from San Felipe Street.)	
<i>Sinclair Street, from Heiner to City Park.....</i>	2 Blocks
Length .....	618 ft.
Width .....	15 ft.
Square yards.....	1,030
Total cost.....	\$123.00
Cost per square yard.....	\$0.12
(Note.—Paved with gravel taken from San Felipe Street.)	

## SHELLED STREETS UNDER CONSTRUCTION.

Chenevert Street, from Gray to Pierce Street.....	1	Block
Chenevert Street, from Elgin to Holman Street.....	3	Blocks
Jackson Street, from Elgin to Holman Street.....	3	Blocks
Crawford Street, from Elgin to Holman Street.....	3	Blocks
Francis Street, from Hamilton to Crawford Street.....	3	Blocks
Stuart Street, from Hamilton to Crawford Street.....	3	Blocks
Harrington Street, from Hardy to Montgomery.....	13	Blocks
German Street, from Palmer to Milby Street.....	7	Blocks
Live Oak, from Garrott to Terry Street.....	4½	Blocks
Ross Avenue, from Garrott to Terry Street.....	4½	Blocks
Anita Street, from Crawford to Caroline Street.....	3	Blocks
Pierce Street, from Bagby to Sherman Street.....	3	Blocks
Berry Street, from Fannin to San Jacinto Street.....	1	Block

## GRAVEL STREET UNDER CONSTRUCTION.

Tenth Street, from Preston to Dart Street..... 5 Blocks

NOTE.—In addition to above, the Houston Land Corporation is constructing under the direction of this office, seventy-three blocks of shell pavement and eleven blocks of asphalt pavement.

## TABULATIONS.

Class.	1910. Sq. Yds.	1911. Sq. Yds.	Increase.
Asphalt .....	160,462	160,462	.....
Brick .....	355,586	397,664	42,078
Belgian block .....	1,892	1,892	.....
Bois d'Arc .....	49,833	49,833	.....
Macadam .....	36,948	36,948	.....
Gravel .....	621,951	624,102	2,151
Shell .....	96,387	238,766	142,379
Bitulithic .....	5,039	5,039	.....
Totals .....	1,328,098	1,514,706	186,608
Mileage, year ending February 28, 1911.....			89.82 Miles
Mileage, year ending February 28, 1910.....			78.79 “

Increase for year ending 1911 over 1910.....11.03 Miles  
 Total square yards asphalt repairs for year ending 1911.....14,299.89  
 Total square yards asphalt repairs for year ending 1910.....10,557.20

Increase for year 1911 over 1910..... 3,742.69

**Statement of Revenue, Expense and Unexpended Appropriation for the  
Annual Report of February 28, 1911.**

**REVENUE.**

MONTH	24-A Surveying Fees	24-B Building Permit Fees	24-C Plumbing Permits and Sewer Inspection Fees	24-D Others, Street Open- ing and Drain Lay- ing Permit Fees	Total for the Year
March.....	\$132.50	\$191.00	\$178.95	\$44.00	\$546.45
April.....	142.50	272.50	126.65	49.00	590.65
May.....	78.00	250.50	110.00	70.00	508.50
June.....	64.50	151.50	153.05	65.00	434.05
July.....	40.50	193.00	100.60	50.50	384.60
August.....	74.00	199.00	139.75	49.00	461.75
September.....	81.50	815.30	123.50	63.00	1083.30
October.....	77.00	136.50	98.75	57.00	369.25
November.....	83.50	130.00	148.00	81.50	443.00
December.....	43.00	195.00	192.45	97.50	527.95
January.....	46.00	508.50	151.00	195.00	900.50
February.....	99.50	169.50	173.15	79.00	521.15
Total for 12 mos. ending February 28, 1911.....	\$962.50	\$3212.30	\$1695.85	\$900.50	\$6771.15
Total for 12 mos. ending February 28, 1910.....	\$869.00	2655.00	\$1379.95	\$563.20	\$5467.15
Increase.....	\$93.50	\$557.30	\$315.90	\$337.30	\$1304.00

Total amount of revenue increase for year ending February 28th,  
1911, over year ending February 28th, 1910 ..... \$1,304.00

**EXPENSE.**

MONTH	24-A Salaries	24-B Repairs and Renewals of Instruments	24-C Stationery and Printing	24-D Others	Totals
March.....	\$712.50	\$309.50	\$12.10	\$57.77	\$1091.87
April.....	885.00		40.50	26.35	951.85
May.....	885.00		7.82	27.00	919.82
June.....	900.00		44.61	26.75	971.36
July.....	900.00		27.15	32.00	959.15
August.....	750.00		1.14	23.50	774.64
September.....	700.00		65.25		765.25
October.....	770.00		.75	40.00	810.75
November.....	720.00		26.75	20.00	766.75
December.....	845.00		65.00	20.00	930.00
January.....	795.00		3.34	81.90	880.24
February.....	867.40		5.50	26.50	899.40
Totals.....	\$9729.90	\$309.50	\$299.91	\$331.77	\$10721.08

Total expense for year ending February 28, 1911.....\$10,721.08

Total expense for year ending February 28, 1910.....9,631.75

Total increase for year ending 1911 over 1910.....\$1,089.33

Appropriation for year ending February 28th, 1911.....\$12,000.00

Expense for year ending February 28th, 1911.....10,721.08

Amount unexpended.....\$1,278.92



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ANNUAL REPORT

OF

W. X. NORRIS,

*BUILDING INSPECTOR,*

*For the Year Ending February 28, 1911.*

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## REPORT OF BUILDING INSPECTOR.

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HOUSTON, TEXAS, March 10, 1911.

TO THE HON. H. B. RICE,  
*Mayor of the City of Houston.*

DEAR SIR:—I hereto attach tabulated statement, showing value of buildings, repairs, etc., constructed during the past year, and fees collected by this department.

Expenses of the department are shown in the report of the City Engineer.

As the fire limit has been extended, I would recommend that the ordinance for brick buildings be amended, so as to allow eight-inch brick walls for residence purposes only. Also the flue ordinance, that all brick flues have a tile lining, to commence two feet below entrance and extend to top of flue.

In regard to contractors using one-third of the street for building purposes, I would recommend that an ordinance be created whereby the contractor be required to have a covering over passageway to protect the public. Also an ordinance for protection of workingmen that are working underneath other workingmen.

Respectfully submitted,

W. X. NORRIS,  
*City Building Inspector.*

**Number of Building Permits and Amount of Fees for the Twelve Months  
Ending February 28, 1910, and 1911.**

REVENUE.				
1909-1910		1910-1911		
	Permits.	Fees.	Permits.	Fees.
March .....	74	\$274.50	73	\$191.00
April .....	111	181.50	61	272.50
May .....	61	192.50	76	250.50
June .....	62	139.50	78	151.50
July .....	56	122.00	66	193.00
August .....	69	192.50	88	199.00
September .....	59	518.00	71	815.30
October .....	68	94.50	67	136.50
November .....	49	118.00	78	130.00
December .....	40	121.50	62	195.00
January .....	63	437.00	74	508.50
February .....	59	236.00	81	169.50
Totals .....	761	\$2,655.00	875	\$3,212.30
Total for the year ending February 28, 1911.....			875	\$3,212.30
Total for the year ending February 28, 1910.....			711	2,655.00
Increase last 12 months over previous 12 months. .164				\$ 557.30

**Permit Valuation of Additions and Repairs During the Twelve Months  
Ending February 28, 1910, and 1911.**

1909 and 1910		1910 and 1911		
	Permits. Valuation.	Permits. Valuation.		
March .....	81 \$ 23,790.00	70	\$ 20,605.00	
April .....	68 13,845.00	56	18,030.00	
May .....	63 14,681.00	76	18,387.00	
June .....	68 66,870.00	59	18,430.00	
July .....	56 10,943.00	63	14,225.00	
August .....	64 26,355.00	56	18,175.00	
September .....	59 19,425.00	63	17,620.00	
October .....	86 17,474.00	60	11,465.00	
November .....	48 12,120.00	44	15,645.00	
December .....	49 8,715.00	55	9,608.00	
January .....	53 14,010.00	64	11,925.00	
February .....	55 28,435.00	51	15,155.00	
Totals .....	750 \$256,663.00	717	\$189,270.00	
Total for year ending February 28, 1910.....	750		\$256,663.00	
Total for year ending February 28, 1911.....			189,270.00	
Decrease last 12 months over previous 12 months ..				\$ 67,393.00

## Classifications of Permanent Improvements.

No. of Permits.	Kind of Building.	No. of Bldgs.	Valuations.
1	9-story Brick and steel building.....	1	\$ 512,793.00
1	12-story Brick and steel building.....	1	400,000.00
1	10-story Brick and steel building.....	1	300,075.00
1	3 and 4-story Brick building.....	1	160,000.00
1	8-story Concrete and brick flat.....	1	100,000.00
1	6-story Concrete and brick building.....	1	77,850.00
1	4-story Concrete and brick hospital.....	1	95,700.00
1	Brick church .....	1	38,800.00
3	4-story Brick and concrete buildings.....	3	75,500.00
1	3-story Brick flat .....	1	23,000.00
6	3-story Brick and concrete buildings.....	6	123,750.00
6	2-story Brick and concrete buildings.....	6	38,475.00
1	2-story Brick theatre building.....	1	20,000.00
1	2-story Brick residence .....	1	8,000.00
6	1-story Brick buildings .....	6	21,100.00
2	Concrete cottages .....	2	3,600.00
4	Frame churches .....	4	8,850.00
15	Iron and wood warehouses.....	15	30,900.00
4	Frame schools .....	4	4,457.00
197	Residences .....	210	600,500.00
469	Cottages .....	567	426,110.00
6	General remodeling .....	6	64,400.00
139	Sheds and barns.....	141	18,960.00
868		981	\$3,152,820.00
Valuation of 868 permits, year ending February 28, 1911...			\$3,152,820.00
Valuation of 761 permits, year ending February 28, 1910...			3,911,130.00
Decrease in value, year ending Feb. 28, 1911, over 1910..			\$ 758,310.00
Valuation temporary permits, year ending Feb. 28, 1911...			\$ 189,270.00
Valuation temporary permits, year ending Feb. 28, 1910...			256,663.00
Decrease in value, year ending Feb. 28, 1911, over 1910..			\$ 67,393.00
Total value, permanent and temporary, year ending 1911...			\$3,342,090.00
Total value, permanent and temporary, year ending 1910..			4,167,793.00
Decrease of last 12 months over previous 12 months..			\$ 825,703.00
Note—Two or more houses were taken out on one permit.			



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ANNUAL REPORT

OF

JOHN HEFFERNAN,

*SEWER AND PLUMBING INSPECTOR,*

*For the Year Ending February 28, 1911.*

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## REPORT OF SEWER INSPECTOR.

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HOUSTON, TEXAS, March 10, 1911.

TO THE HON. H. B. RICE,  
*Mayor of the City of Houston.*

DEAR SIR:—I have the honor to transmit to you a report of the operation of work, with tabulated statement, showing the amount of work done under my supervision for the year ending February 28, 1911.

There has been a substantial increase for the year in amount of plumbing installed for the past year.

The new plumbing ordinance, together with the Examining Board of Plumbers, appointed by your Honor, are now in force with satisfactory results. The board has examined up to date, sixteen master plumbers and seventy-two journeyman plumbers.

Both ordinance and Examining Board, in my opinion, will give the city a more equitable standard of plumbing.

I desire to thank you for your interest in the cause for good plumbing, also for permitting me to attend the meetings of the American Society of Plumbing and Sanitary Engineers; the attendance on these meetings has been of considerable benefit, along educational lines.

Respectfully submitted,

JNO. HEFFERNAN,  
*City Sewer and Plumbing Inspector.*

## SEWER SYSTEM.

Statement of Expense for Twelve Months Ending February 28, 1911.

SANITARY SEWER SYSTEM					(f) Sewer Repairs and Renewals	(g) Sewer Inspections	(h) Others
1910 and 1911	Pumping Station		(c) Filter Beds	(e) Others			
	(a) Operation	(b) Repairs and Renewals					
March.	\$ 1379.61	\$223.99	\$480.45	\$16.75	\$213.82	\$125.00	\$70.05
April..	1088.24	135.40	412.09	11.70	105.00	125.00	46.60
May...	1156.91	164.99	467.00	25.28	150.60	135.00	53.60
June..	1089.78	141.35	393.30	10.00	282.06	135.00	43.25
July...	832.70	155.43	365.35	24.90	151.15	135.00	42.85
Aug...	1122.71	155.64	494.45	5.80	183.50	135.00	44.70
Sept...	1084.31	495.80	414.90	70.20	232.20	135.00	27.45
Oct...	1240.59	347.21	451.00	8.10	214.05	135.00	59.50
Nov...	1157.26	181.80	398.55	2.85	1437.42	135.00	44.30
Dec...	912.47	217.65	389.20	1.80	120.00	135.00	41.30
Jan...	1479.49	260.99	457.00	58.45	213.10	135.00	37.95
Feb...	1174.65	250.61	424.00	81.80	101.61	135.00	42.40
Totals.	\$13718.72	\$2730.86	\$5147.29	\$317.63	\$3404.51	\$1600.00	\$553.95

Total expense for Sewer Department, year ending February

28, 1911 .....\$27,472.96

Total expense for Sewer Department, year ending February

28, 1910 ..... 26,230.02

Increase of last year over previous year.....\$ 1,242.94

Appropriation for year ending February 28, 1911.....\$25,000.00

Expense for year ending February 28, 1911..... 27,472.96

Amount expended over and above appropriation.....\$ 2,472.96

## Fees Collected.

Plumbing permits—24-C—plumbing inspection fees.....\$1,695.85

Sewer connections—24-D—drain and street opening fees..... 900.50

Total .....\$2,596.35

Total amount fees collected for the year ending Feb. 28, 1911..\$2,596.35

Total amount fees collected for the year ending Feb. 28, 1910.. 1,943.15

Total increase year ending 1911 over 1910.....\$ 653.20

**Plumbing Fixtures Installed During the Twelve Months  
Ending February 28, 1911.**

MONTH	Plumbing Permits	Closets	Bath	Basin	Sink	Urinals	Miscellaneous Fixtures	Total Fixtures	Drain Laying Permits	Inspections	House Connections
March.....	65	170	67	389	75	30	49	780	15	95	30
April.....	61	130	94	95	64	17	...	400	9	75	22
May.....	53	195	54	85	48	13	13	408	29	97	41
June.....	50	159	129	141	87	2	71	589	27	86	41
July.....	49	65	60	58	51	...	...	234	15	88	26
August.....	73	99	59	86	66	10	12	332	20	91	33
September.....	51	74	59	83	62	3	14	295	31	98	47
October.....	37	52	40	37	27	7	1	164	36	85	37
November.....	67	89	62	54	58	7	3	273	43	117	54
December.....	55	219	167	255	150	9	2	806	41	104	41
January.....	37	76	53	64	43	3	7	246	38	87	47
February.....	43	121	98	94	58	1	2	374	34	84	45
Totals.....	641	1449	942	1441	789	102	174	4897	338	1097	459

Closets .....	1,449
Baths .....	942
Basins .....	1,441
Sinks .....	789
Urinals .....	102
Miscellaneous fixtures .....	174

Total .....	4,897
Total fixtures installed 12 months ending February 28, 1911.....	4,897
Total fixtures installed 12 months ending February 28, 1910.....	3,718

Increase last 12 months over previous 12 months.....	1,179
Sewer connections for 12 months ending February 28, 1911.....	338
Sewer connections for 12 months ending February 28, 1910.....	262

Increase last 12 months over previous 12 months.....	76
Number of public connections made with sewer, year ending February 28, 1911.....	222
Number of private connections made with sewer, year ending February 28, 1911.....	116

Total number of sewer connections.....	338
Note—Of the 338 sewer connections, 75 connections were made with the South End sewer extension.	
Plumbing permits for 12 months ending February 28, 1911.....	641
Plumbing permits for 12 months ending February 28, 1910.....	539

Increase last 12 months over previous 12 months.....	102
Total house connections for 12 months ending February 28, 1911..	459
Total house connections for 12 months ending February 28, 1910..	309

Increase last 12 months over previous 12 months.....	150
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## Work Done by Sewer Cleaners.

MONTH	Manhole Inspections	Catch Basin Inspections	S oppages Removed	Flush Tank Inspections	Total
March.....	2	217	6	10	235
April.....	2	54	7	1	64
May.....	3	83	3	12	101
June.....	11	64	3	9	87
July.....	11	33	.....	.....	44
August.....	7	41	1	6	55
September.....	1	27	1	5	34
October.....	15	122	4	11	152
November.....	3	69	.....	4	76
December.....	.....	82	.....	11	93
January.....	2	13	1	4	20
February.....	3	22	.....	1	26
Total.....	60	827	26	74	927

## The Following Private Sewers Were Constructed During the Twelve Months Ending February 28, 1911.

250 ft. of 6-inch sewer, west on Abbott from manhole on Travis Street.  
 350 ft. of 6-inch sewer, north on Arthur from manhole on Hardcastle St.  
 350 ft. of 6-inch sewer, south on Fannin from manhole on Elgin Ave.  
 400 ft. of 6-inch sewer, west in alley between Courtland and Avondale  
 Additions, from manhole on Brazos St.  
 1500 ft. of 6-inch sewer, on M. K. & T. Ry. property from Girard and  
 First St., running northwest.  
 166 ft. of 6-inch sewer, south of manhole on Ave. C, Bute Addition.  
 350 ft. of 6-inch sewer, south on Fannin from manhole on Elgin Ave.  
 356 ft. of 6-inch sewer, west on Jefferson Ave. from manhole on Hut-  
 chins St.  
 372 ft. of 6-inch sewer, south in alley between Mason and Milby, from  
 manhole on Baker St.  
 300 ft. of 8-inch sewer, east on Crockett from manhole on Holly St.  
 725 ft. of 8-inch sewer, south on Stanley from manhole on Lubbock St.  
 400 ft. of 8-inch sewer, east on Webster from manhole on Hamilton St.  
 485 ft. of 8-inch sewer, north on Crocker from manhole on Baker St.  
 558 ft. of 8-inch sewer, south on Whitney from manhole on Baker St.  
 128 ft. of 8-inch sewer, east on Willard from manhole on Crocker.  
 240 ft. of 8-inch sewer, north on Hopkins from manhole on Baker.  
 625 ft. of 8-inch sewer, east on Sternenberg from manhole on Hamilton.

7555 ft.

Total number of private sewers laid, year ending Feb. 28, 1911....7,555

Total number feet laid in year ending February 28, 1910.....8,531

Decrease last 12 months over previous 12 months..... 976

Length of sewer laid during 12 months ending Feb. 28, 1911...1.43 miles

Number of manholes constructed.....8



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ANNUAL REPORT

OF

FRANK L. DORMANT,  
*CONSULTING ENGINEER,*

*For the Year Ending February 28, 1911.*

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## REPORT OF CONSULTING ENGINEER.

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HOUSTON, TEXAS, March 1, 1911.

TO THE HON. H. B. RICE,  
*Mayor of the City of Houston.*

DEAR SIR:—I have the honor to transmit herewith report covering the work done under my charge for the fiscal year ending March 1, 1911.

### AUSTIN STREET STORM SEWER.

The Austin Street storm sewer has been completed and has stood the test in a satisfactory manner. This sewer has the following sizes:

	In Feet,	
	Diameter.	Length.
From Preston to Dallas Avenue.....	10	2640
From Dallas to Calhoun Avenue.....	9	2310
From Calhoun to McGowen Avenue.....	8	2150
From McGowen to Elgin Avenue.....	7	1700

Large inlets have been provided both at Calhoun and Elgin Avenues to take care of the proposed lateral sewers to be built on these two streets.

### COST OF AUSTIN STREET SEWER.

10-foot sections, including manholes.....	\$ 75,320.88
9-foot sections, including manholes.....	49,637.88
8-foot sections, including manholes.....	36,286.40
7-foot sections, including manholes.....	22,874.30
	<hr/>
	\$184,119.46

### INLETS OR CATCH BASINS.

On 10-foot sections, number of inlets, 36; cost.....	\$ 3,500.79
On 9-foot sections, number of inlets, 26; cost.....	2,746.62
On 8-foot sections, number of inlets, 26; cost.....	2,176.31
On 7-foot sections, number of inlets, 18; cost.....	4,233.79
	<hr/>
Total .....	\$12,657.51



At McIlhenney and Dennis Avenue extra pipe for inlets has been laid amounting to \$394.24, thus making the total cost of the Austin Street storm sewer \$197,171.21. To effectually drain the territory north of Elgin Street to the Aransas Pass Railroad will require the extension of the Austin Street sewer for a distance of twelve blocks.

During the past fiscal year the following sanitary sewers were completed, as follows:

	Cost.
First and Sixth Ward sanitary sewers.....	\$ 25,746.15
Fourth Ward sanitary sewer.....	11,155.54
Fifth Ward sanitary sewer (main trunk sewer).....	79,361.43
Reagan School sanitary sewer.....	5,254.88
Lamar School sanitary sewer.....	1,001.03
Southern Pacific sanitary sewer.....	3,338.24
Extension sanitary sewer on Lyons Avenue.....	991.11
Total .....	\$126,848.38

#### MCGOWEN AVENUE LATERAL STORM DRAIN.

A thirty-inch storm drain has been built on McGowen Avenue from Austin Street west to Travis Street, with four inlets or catch-basins at Caroline, San Jacinto, Fannin, Main and Travis Streets, thus relieving that territory from surface drainage during heavy rains, particularly at McGowen Avenue and Fannin Street. The intersection of the last named two streets has been raised and paved with vitrified brick, and the lake of water standing there for a number of years after every heavy rain is now a thing of the past.

Cost of sewer.....	\$11,058.30
20 stormwater inlets.....	2,010.91
5 manholes .....	391.10
Lumber, repaving, retaining walls, etc.....	1,524.35
Total .....	\$14,984.66

The drainage on Main Street, near Dennis, has been changed by taking the surface water to Main and McGowen, and the two ridges caused by culverts, both at McGowen and Dennis Streets, have been taken out by removing these culverts, thus making a much easier passage for vehicles possible at these points.

**CLEVELAND PARK.**

A topographical map of this beautiful property has been made, and preliminary plans and drawings have been prepared for a covered, re-inforced concrete reservoir and pumping station.

As the reservoir will be underground, this property can be converted into a beautiful park of a size about five times larger than the Dallas Avenue park.

**BOULEVARD NORTH AND SOUTH OF WHITE OAK BAYOU.**

Drawings have been completed for a driveway or boulevard, 100 feet wide, on both sides of White Oak Bayou, extending from a point near the Southern Pacific Hospital to a connection with Sixth Street in Houston Heights, crossing Houston Avenue at two different points. The alignment of this boulevard follows the natural contours of the ground and will make a picturesque driveway through beautiful woods. At different places small parks for passing purposes will be established, and at the crossings of ravines and other depressions, small concrete arches will be built. The topographical map of this contemplated improvement is now being made, and will shortly be submitted to you.

**SECOND WARD SANITARY SEWERS.**

Owing to the phenomenal growth of the city it was decided by you that after the completion of the Fifth Ward sanitary sewer system, the pumping station on Willow Street would be taxed nearly to its capacity, and for that reason it was deemed advisable to convey all the future sewage south of the Ship Channel to another disposal plant south of the city limits.

For this reason the city purchased a tract of land containing 197 acres, located north of Simms' Bayou, out of the Prentiss survey. The selection of this particular piece of land was made on account of the suitable quality of the land, it being of sandy nature, and also on account of its location alongside of a country road and a trunk railroad. The land is all under fence; there is also a two-story frame residence

on it in good condition, barns, a ten-inch artesian well, and pumping machinery, all of said improvements being of an estimated value of about \$10,000.00.

The sewage from the Second Ward will be conveyed by a pumping main from a station put outside the city limits to this farm, and will be purified by sedimentation land treatment and underdrainage.

#### THE MAIN STREET VIADUCT.

Two different sets of plans for the proposed Main Street viaduct have been prepared and will be submitted to you by the end of this month. The reason for submitting two sets of plans is, on account of two different propositions having to be considered in the purchase of the necessary right of way, on both sides of the Ship Channel.

Arrangements have been provided in these plans to give access to the viaduct to the warehouses which are located on the north side of the Ship Channel, and which now use the old White Oak Bayou bridge (which will be removed) to get to both the Katy and Southern Pacific freight depots.

#### TURNING BASIN.

The excavations for the slips at the Turning Basin were completed in May, 1910, and plans have been finished for the proposed wharves and warehouses. The heights of the wharves will be twelve feet above mean low tide, and from the wharves the freight will be transferred to the warehouses and freight cars by means of inclined conveyors. The freight from smaller craft will be handled by adjustable conveyors, which regulate themselves according to the size of boat and height of the tide.

#### RECOMMENDATIONS.

##### AMOUNT NECESSARY TO COMPLETE OUTLET FOR TERRITORY SOUTH OF SHIP CHANNEL.

Extension of sewer from Polk and York Streets, near north line of Luke Moore survey to proposed pumping station..	\$ 28,500.00
Pumping station grounds.....	2,000.00
Discharge main from pumping station to disposal fields.....	56,865.60
Pumping station and equipment.....	12,500.00
Underdrainage, tiling, carriers, etc.....	7,500.00
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	\$107,365.60

## SANITARY SEWERS PROPOSED.

Proposed Lamar Avenue main sewer.....	\$ 25,000.00
Proposed McGowen Avenue main sewer.....	52,000.00
10 miles of lateral sewers in Third and Fourth Wards.	
8 miles of lateral sewers in First and Sixth Wards.	
15 miles of lateral sewers in Fifth Ward.	
4 miles of lateral sewers in Second Ward.	
37 miles of laterals, with manholes and flush tanks.....	481,750.00
	<u>\$558,750.00</u>

## PROPOSED STORM SEWERS.

Storm sewer in Fourth Ward, with laterals.....	\$175,000.00
Catch basins .....	13,500.00
	<u>\$188,500.00</u>

## WILLOW STREET SEWAGE PUMPING STATION.

New equipment to handle sewage when First, Fifth and Sixth Ward sewers are completed.....	\$24,000.00
New underground receiving basin.....	21,750.00
	<u>\$45,750.00</u>
Overhauling of filter beds near Turning Basin and construc- tion of detritus tanks, etc.....	53,865.00
	<u>\$99,615.00</u>

Respectfully submitted,

FRANK L. DORMANT,  
*Consulting Engineer.*

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ANNUAL REPORT

OF

WM. H. WILSON,

CITY ATTORNEY,

*For the Year Ending February 28, 1911.*

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## REPORT OF CITY ATTORNEY.

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HOUSTON, TEXAS, March 15, 1911.

TO THE HON. H. B. RICE,  
*Mayor of the City of Houston.*

DEAR SIR: Herewith I submit a brief statement of the conduct of the Legal Department of the City of Houston for the year ending the 28th day of February, A. D. 1911.

During the past year there have been few suits filed against the city for damages, and but few of those are of any magnitude, or involve any serious loss by way of damages. The judgments recovered against the city during said period are very few and very meager in amount.

There has been more than the usual large amount of business in the way of preparation of ordinances, the drawing up of contracts, and the preparation of opinions on law questions arising in the conduct of the various departments of the City Government.

During the year the Legal Department has collected and classified all of the general ordinances passed by the City Council since the adoption of the present Code of Ordinances, October 31st, 1904. These ordinances are classified under the same chapter headings found in the code and are printed in a separate volume with a classified index. This volume, together with the code, will enable any citizen to determine for himself the law of the city as it stood on the 31st day of October, 1910.

Among the important franchises and ordinances drawn by the Legal Department during the year, was one granting to the Southwestern Telegraph and Telephone Company, the

right to use the streets and public ways of the City of Houston for a period of thirty years. Said ordinance reserves to the city the right to regulate the rates charged for the use of local telephones, to require extensions of the system, to require efficiency in the service, and said company agrees to put its wires in conduits throughout the business district of the city, and when required to do so, in the residence district also. The Southwestern Telephone Company agrees to pay to the city, in addition to its ad valorem taxes, one per cent of its gross receipts. In reaching an adjustment of the details of this franchise the management of the telephone company has shown a commendable spirit, and we believe the result will be a much more efficient service.

Another ordinance of more than usual importance is the one providing a Public Utilities Commissioner, and defining his powers and duties. It gives said Commissioner general supervision over the services furnished by our public utility companies. It requires said Commissioner to have in his office all available information concerning the equipment of the corporations furnishing such public service, their rules and regulations and modes of doing business, and authorizes him to adjust controversies between them and the public, and to make tests of meters. The ordinance requires the public utility companies to provide prompt installation; to make prompt repairs and extensions, and generally to furnish a reasonably efficient service in return for the price paid for same. The ordinance embodies the ideas of your Honor as expressed to the people in the recent campaign, and in the preparation of same we have followed, to some extent, the Public Utilities Act of New York City.

The charter requires the City Attorney to be present, either in person or by deputy, at the sessions of the Corporation Court, which are held twice each day, viz: at 9:00 o'clock a. m. and 5:00 o'clock p. m. This branch of the work is being handled by Mr. D. E. Hume, and during the year there were assessed and collected in said court fines and costs aggregating \$18,024.66, all of which amount under the charter is paid to the city and goes into its general revenues.

During the past year the customary force of the department has been continued and maintained as heretofore, and I desire, on behalf of each member of said department, to thank you and the City Council for the uniform courtesy and consideration shown to said department.

Respectfully submitted,

WM. H. WILSON,  
*City Attorney.*



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ANNUAL REPORT

OF

F. J. OLLRE,  
MARKET MASTER,

*For the Year Ending February 28, 1911.*

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## REPORT OF MARKET MASTER.

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HOUSTON, TEXAS, March 7, 1911.

TO THE HON. H. B. RICE,  
*Mayor of the City of Houston.*

DEAR SIR:—In compliance with the ordinances of the City of Houston requiring a report of the business and conditions of each department under your jurisdiction, I beg to submit below my report of collections for the fiscal year ending February 28, 1911.

In this connection, it seems befitting to state that during the year just passed, the Market House enjoyed its usual good patronage, and also to state that the usual standard of cleanliness and discipline has been maintained. All stalls are at present rented, and there are no back rents due the city from any of the tenants.

I have no improvements to recommend at present.

The collections during the year were as follows:

March,	1910.....	\$ 1,624.00
April,	" .....	1,659.25
May,	" .....	1,745.50
June,	" .....	1,955.25
July,	" .....	1,830.00
August,	" .....	1,624.75
September,	" .....	1,518.75
October,	" .....	1,571.25
November,	" .....	1,587.00
December,	" .....	1,594.00
January,	1911.....	1,459.25
February,	" .....	1,462.20
Total .....		<u>\$19,631.20</u>

Yours respectfully,

F. J. OLLRE,  
*Market Master.*

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ANNUAL REPORT

OF

DR. GEO. W. LARENDON,

*HEALTH OFFICER,*

*For the Year Ending February 28, 1911.*

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## REPORT OF HEALTH OFFICER.

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HOUSTON, TEXAS, March 14, 1911.

TO THE HON. H. B. RICE,  
*Mayor of the City of Houston.*

DEAR SIR:—In compliance with the duties devolving upon me, I have the honor to submit herewith my annual report of the operations of the Department of Health for the fiscal year ending February 28, 1911.

It is extremely gratifying to be able to report not only decreased mortality as compared with previous years, but also an appreciable decrease in the number of deaths from all the transmissible (and, therefore, preventable) diseases; and as the efforts of the Health Department are directed to the prevention—rather than the cure—of disease, the department has cause to feel that its efforts have borne fruit.

The Health Department is indebted for much of its success to the magnificent water supply and extensions of water mains, which have enabled hundreds of citizens to supply their homes with pure water.

Along with this, the improvement in laws governing the sale of milk, and the ordinance creating the office of City Pathologist and Bacteriologist, has given the Department the means of investigations relating to the purity of milk, water and food products, as well as of diagnosing and locating transmissible diseases.

This Department treated 4,000 patients at the city dispensary, 550 at the hospital, 36 at the pest camp, and vaccinated 2,000 school children; fumigated 783 rooms, 2 automobiles and 7 box cars for the following diseases:

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Tuberculosis .....	349 Rooms
Diphtheria .....	157 Rooms
Smallpox .....	147 Rooms
Scarlet Fever .....	54 Rooms
Typhoid Fever .....	49 Rooms
Pneumonia .....	5 Rooms
Scabes .....	2 Rooms
Causes Not Specified.....	100 Rooms
Cerebro-spinal Meningitis .....	16 Rooms
Smallpox .....	7 Box Cars
Scarlet Fever .....	2 Automobiles

During the year there occurred in the City of Houston 1,386 deaths, of which 822 were whites and 564 colored; a total death rate of 13.5 per thousand (the death rate amongst the whites being 10.7 per thousand and amongst the colored 22.1 per thousand).

There were reported at this office a total of 1,654 births; of this number 1,312 were whites and 342 colored. You will also observe that the births exceeded the deaths.

Respectfully submitted,

GEO. W. LARENDON, M. D.,  
*City Health Officer.*

Classified List of Causes of Deaths for Twelve Months Ending February 28, 1911.

NAME OF DISEASE	March 1910	April 1910	May 1910	June 1910	July 1910	Aug. 1910	Sept. 1910	Oct. 1910	Nov. 1910	Dec. 1910	Jan. 1911	Feb. 1911	WHITE		COLORED		Grand Total Deaths for Yr.
													Male	Female	Male	Female	
I—General Diseases.																	
1. Typhoid fever, abdominal typhus.....	1	2	3	5	10	4	3	3	1	3	....	3	10	5	13	10	38
2. Exanthematic typhus.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
3. Recurrent fever.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
4. Intermittent fever, malarial cachexia.	2	...	...	1	1	...	...	...	1	1	1	1	...	1	1	4	6
5. Smallpox.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
6. Measles.....	...	1	...	1	...	1	...	...	...	...	...	1	2	...	...	1	3
7. Scarlet fever.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
8. Whooping cough.....	...	...	...	...	...	...	...	...	1	...	...	...	1	1	...	...	2
9. Diphtheria and croup.....	...	1	2	...	1	1	...	...	1	...	1	1	3	4	...	...	7
10. Influenza.....	...	3	...	...	...	...	...	...	...	...	...	...	1	...	1	1	3
11. Malaria fever.....	2	5	4	4	4	7	2	3	...	...	...	...	6	11	5	9	31
12. Asiatic cholera.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
13. Cholera nostras.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
14. Dysentery.....	1	3	1	3	1	...	...	...	4	1	1	...	3	2	4	6	15
15. Plague.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
16. Yellow fever.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
17. Leprosy.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
18. Erysipelas.....	2	2	...	...	1	...	...	...	...	...	...	...	2	1	1	1	5
19. Other epidemic diseases.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
20. Pyæmia and Septicæmia.....	2	...	...	...	...	1	...	...	1	...	2	4	3	4	1	2	10
21. Glanders.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
22. Anthrax.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
23. Rabies.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
24. Actinomycosis, trichinosis, etc.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
25. Pellagra.....	...	...	1	...	...	...	...	...	1	...	...	...	...	1	...	1	2
26. Tuberculosis of larynx.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
27. Tuberculosis of lungs.....	26	12	15	14	10	14	9	14	3	6	5	2	29	24	34	43	130
28. Tuberculosis of meninges.....	...	...	...	...	...	...	...	1	...	...	...	...	...	1	...	...	1

Classified List of Causes of Deaths—Continued.

NAME OF DISEASE	March 1910	April 1910	May 1910	June 1910	July 1910	Aug. 1910	Sept. 1910	Oct. 1910	Nov. 1910	Dec. 1910	Jan. 1911	Feb. 1911	WHITE		COLORED		Grand Total Deaths for Yr.
													Male	Female	Male	Female	
23. Abdominal tuberculosis.....	1	1							1			2				3	5
30. Pott's disease.....			1													1	1
31. Cold abscess.....																	
32. White swelling.....											2		1	1		1	3
33. Tuberculosis of other organs.....	1				1				9	7	9	11	16	7	4	10	37
34. General tuberculosis.....																	
35. Scrofula.....																	
36. Syphilis.....	2								1		1		1	1	1	1	4
37. Gonorrhoea, adults.....																	
38. Gonococcal affections of infants.....																	
Cancer—																	
39. Of the stomach, liver.....	3								2	1	2	2	4	1	2	3	10
40. Of peritoneum, intestines, rectum.....							1					1		1		1	2
41. Of female genital organs.....	1						1	1	1	2	1			6		1	7
42. Of breast.....	1								1					2			2
43. Of skin.....																	
44. Of other organs and unspecified.....	1			1				1	1			2	2	4			6
45. Other tumors, except of female genital organs.....										1							1
46. Acute articular rheumatism.....									1					1			1
47. Chronic rheumatism and gout.....			1	1									1		1		2
48. Scurvy.....																	
49. Diabetes.....						1	1	1	1	3			4	1	1		6
50. Exophthalmic goitre.....																	
51. Addison's disease.....																	
52. Leukemia.....	3				1				1				1	1	1	2	5
53. Anemia, chlorosis.....	1	1	1		1				1	1			2	3	1		6
54. Other general diseases.....	2							2			1		1	2			5
55. Alcoholism, acute and chronic.....	1		1								1		3				3
56. Lead poisoning.....			1										1				1





Classified List of Causes of Deaths—Continued.

NAME OF DISEASE	March 1910	April 1910	May 1910	June 1910	July 1910	Aug. 1910	Sept. 1910	Oct. 1910	Nov. 1910	Dec. 1910	Jan. 1911	WHITE		COLORED		Grand Total Deaths for Yr.
												Male	Female	Male	Female	
81. Diseases of the arteries (atheroma, aneurism, etc.)		1						1	1	1		2	2			4
82. Embolism and thrombosis																
83. Diseases of the veins (varices, hemorrhoids, phlebitis, etc.)																
84. Diseases of the lymphatics (lymphangitis, etc.)		1												1		1
85. Hemorrhage	5	3	2		2	2	1				1	8	3	5		16
86. Other diseases of the circulatory system	1	1	2	3		4	4	1				5	3	5	3	16
<b>IV—Diseases of the Respiratory System.</b>																
87. Diseases of the nasal fossae		1													1	1
88. Diseases of the larynx																
89. Diseases of the thyroid body																
90. Acute bronchitis	2	1		2		1	1	1			3	5	3	3		11
91. Chronic bronchitis	3		1	1									4	1	1	6
92. Broncho-pneumonia	6	9	2	2		1						8	7	5	3	23
93. Pneumonia	21			5	3	5	2	1	4	6	17	27	18	20	8	73
94. Pleurisy											1	2		1		3
95. Congestion of lungs, temporary apoplexy		1		1						1	2	5	1			6
96. Gangrene of the lungs																
97. Asthma																
98. Pulmonary emphysema																
99. Other diseases of the respiratory system, phthisis excepted		1	1		1							1	2			4

Classified List of Causes of Deaths—Continued.

NAME OF DISEASE	March 1910	April 1910	May 1910	June 1910	July 1910	Aug. 1910	Sept. 1910	Oct. 1910	Nov. 1910	Dec. 1910	Jan. 1911	Feb. 1911	WHITE		COLORED		Grand Total Deaths for yr.
													Male	Female	Male	Female	
<b>V—Diseases of the Digestive System.</b>																	
100. Diseases of the mouth and adnexa.																	
101. Diseases of the pharynx.																	
102. Diseases of the esophagus.								1			1		1		1		2
103. Ulcer of the stomach.																	
104. Other diseases of the stomach, cancer excepted.	1	1	3	1	1	5	1	2		4	1	1	2	9	6	4	21
105. Diarrhea and enteritis, under two years of age.			1	2			1		2	5	3	5	9	4	3	3	19
106. Diarrhea and enteritis, two years and over.			2	1	1	1	2			1			3	2			8
107. Intestinal parasites.				1			1									3	8
108. Hernia, intestinal obstructions.								1		3	2	1	3	1	1	2	7
109. Other diseases of the intestines.				3	1	1	2		1		2	1	2	3	2	4	11
110. Acute yellow atrophy of the liver.																	
111. Hydatid tumor of the liver.	1												1			1	2
112. Cirrhosis of the liver.		5	2	3	3	5	2	1	2		2	2	11	1	9	3	24
113. Biliary calculi.												1		1			1
114. Other diseases of the liver.	1			1	1							1	1		1	2	4
115. Diseases of the spleen.																	
116. Simple peritonitis, not puerperal.	1	1		1	1		1		2				2	3		2	7
117. Other diseases of the digestive system, cancer and tuberculosis excepted.																	
118. Appendicitis and iliac abscess.	3	3	6	1	1	2	2	2					7	4	2	7	20
			1	2	1	2			3		2		7	3	1		11
<b>VI—Diseases of the Genito-Urinary Organs.</b>																	
119. Acute nephritis.	3	3	2	3			4	1	1	1				5	7	4	2
120. Bright's disease.	2		3	6	2	1	2	3	6	9	6	6	16	19	5	6	46



Classified List of Causes of Deaths—Continued.

NAME OF DISEASE	March 1910	April 1910	May 1910	June 1910	July 1910	Aug. 1910	Sept. 1910	Oct. 1910	Nov. 1910	Dec. 1910	Jan. 1911	Feb. 1911	WHITE		COLORED		Grand Total Deaths for Yr.
													Male	Female	Male	Female	
VIII—Diseases of the Skin and Cellular Tissue.																	
142. Gangrene.....				1					1				1		1		2
143. Furuncle (carbuncle).....							1							1			1
144. Phlegmon, acute abscess.....																	
145. Other diseases of the skin and adnexa.....																	
IX—Diseases of the Locomotor System.																	
146. Diseases of the bones, non-tubercu- losis.....																	
147. Arthritis and other diseases of the joints, tuberculosis and rheumatism excepted.....																	
148. Amputation.....																	
149. Other diseases of the organs of loco- motion.....					1											1	1
X—Malformations.																	
150. Congenital malformations, still-births not included.....										1		1	1				2
XI—Diseases of Infancy.																	
151. Congenital debility, icterus and sclerema.....					1									1			1
152. Other diseases peculiar to early in- fancy.....	7	7	12	3	10	6	8	7				1	22	14	11	14	61
153. Neglect.....	1		1	1	3	1	3	3					4	2	3	4	13
XII—Diseases of Old Age.																	
154. Senile debility.....	5	4	8	4	10	9	6	6	4	6	7	4	17	28	13	15	73

Classified List of Causes of Deaths—Continued.

NAME OF DISEASE	March 1910	April 1910	May 1910	June 1910	July 1910	Aug. 1910	Sept. 1910	Oct. 1910	Nov. 1910	Dec. 1910	Jan. 1911	Feb. 1911	WHITE		COLORED		Grand Total Deaths for Tr.
													Male	Female	Male	Female	
XIII—External Causes.																	
155. Suicide—By asphyxia.....																	
156. Hanging or strangulation.....																	
157. Drowning.....																	
158. Firearms.....	2	2	1				1	1		3			9		1		10
159. Cutting instruments.....																	
160. Precipitation from height.....																	
161. Crushing.....																	
162. Other methods.....	1	1	1	2	2	1	1	1	2	2			4	3			7
163. Fractures.....	2	2	1	1	1							1	7	3		1	11
164. Dislocations.....																	
165. Other accidental injuries.....	1		3	2		2		1	6	4	4	3	18	2	5	1	26
166. Burning by fire.....		1		2				1		2			3		1	2	6
167. Burns from corrosive substances.....																	
168. Sunstroke.....						2	1						2	1			3
169. Freezing.....																	
170. Electric shock.....																	
171. Accidental drowning.....			1														1
172. Inanition (starvation).....	2	10	10	3	1		2		3	3	3	3	9	12	12	7	40
173. Inhalation of noxious gas, not suicidal.....											2	1	2		1		3
174. Other acute poisoning, accidental.....				2	1	1	1						3	1		1	5
175. Other external violence.....			1			2		3					3		3		6
176. Homicidal.....	6	3	3	2	3	3	1	3	1	1	3	4	14	4	14	1	33
XIV—Causes Ill-Defined.																	
177. Dropsy.....									1		1	2		1		3	4
178. Sudden death, not puerperal.....				1		1								2			2
179. Causes not specified or ill defined.....	8	7	3	5	4	9	7	7	10	11	5	8	31	18	21	14	84
Total deaths.....	153	121	137	116	113	119	99	92	99	108	114	115	460	362	281	283	1386

Comparative Statements of Death for Fiscal Years, 1908, 1909, 1910.

YEAR	March	April	May	June	July	August	September	October	November	December	January	February	WHITE		COLORED		TOTAL
													Male	Female	Male	Female	
1908.....	90	92	82	104	78	71	73	95	79	94	99	107	400	255	193	216	1064
1909.....	88	107	110	114	98	110	89	86	107	125	160	105	490	322	249	238	1299
1910.....	153	121	137	116	113	119	99	92	99	108	114	115	460	362	281	283	1386

AGES.

	Year
Under 1 year.....	229
1 to 5 years.....	70
5 to 10 years.....	27
10 to 20 years.....	73
20 to 30 years.....	163
30 to 40 years.....	202
40 to 50 years.....	159
50 to 60 years.....	150
60 to 70 years.....	103
70 to 80 years.....	123
80 to 90 years.....	38
90 to 100 years.....	22
Over 100 years.....	4
Not stated.....	3
	<hr/> 1,386

SOCIAL RELATIONS.

	Year
Married.....	453
Widows.....	186
Widowers.....	70
Single.....	452
Divorced.....	20
Not stated.....	205
	<hr/> 1,386

NATIVITIES.

	Year
Houston.....	121
Texas.....	568
United States, elsewhere.....	417
Ireland.....	21
England, Scotland, Wales.....	10
Germany.....	71
Greece.....	3
Mexico.....	7
France.....	5
Canada.....	4
Italy.....	6
Russia.....	5
Switzerland.....	1
Austria.....	1
Sweden.....	1
Norway.....	4
Japan.....	1
Not stated.....	14
	<hr/> 1,386

**BURIAL PLACE.**

	Year
Hollywood.....	165
Glenwood.....	128
Evergreen.....	75
Magnolia.....	32
German.....	103
Holy Cross.....	82
Old Catholic.....	5
Beth Israel.....	7
Orthodox.....	6
Jewish.....	17
Evergreen (colored).....	58
Olivewood.....	81
College Park.....	187
Poor Farm.....	137
Old City.....	7
Private.....	11
Bodies shipped out of City.....	285
	<hr/> 1,386

**DEATHS IN HOSPITALS AND OTHER INSTITUTIONS.**

(Included in Total Deaths)

	Year
St. Joseph's Infirmary.....	89
Houston Infirmary.....	31
Baptist Sanitarium.....	3
Lunn's Sanitarium.....	
Boyd's Sanitarium.....	
Norsworthy's Sanitarium.....	2
Faith Home.....	
Infants' Home.....	13
St. Anthony Home.....	2
County Jail.....	2
City Jail.....	
Pest House.....	
Other Institutions.....	
Died outside city limits.....	218
Bodies shipped here from elsewhere.....	79

**CONTAGIOUS DISEASES REPORTED BY PHYSICIANS.**

	Cases for Year	Deaths for Year
Smallpox.....	42	
Diphtheria.....	57	7
Scarlet fever.....	23	
Measles.....	*	3
Typhoid fever.....	*	38
Pulmonary tuberculosis.....	*	130
Whooping cough.....	*	2
Chickenpox.....	*	
Erysipelas.....	*	5

\* Cases not reported.



**DEATHS CERTIFIED BY THE CORONER.**

(Included in Total Deaths)

For the year..... 101

**DEATH RATE PER 1,000 PER ANNUM.**

For the year..... 13.5

This includes all deaths occurring in the city, without any exception whatever. Deaths from violence and among non-residents or recent arrivals, etc., are not excluded.

**STILL AND PREMATURE BIRTHS.**

(Not Included in Total Deaths)

	Year
Male, white.....	40
Female, white.....	25
Male, colored.....	44
Female, colored.....	34
Total.....	143

## BIRTHS FOR YEAR.

	March	April	May	June	July	August	September	October	November	December	January	February	Total Year	Grand Total
Male, White.....	24	53	40	49	33	50	63	67	64	73	70	79	665	....
Female, White....	34	53	40	33	40	56	79	73	59	60	53	67	647	....
Male, Black.....	8	19	10	12	20	17	8	19	20	15	17	15	180	....
Female, Black....	8	18	14	9	8	9	17	13	26	11	19	10	162	....
Total by months	74	143	104	103	101	132	167	172	169	159	159	171	....	1654

## PATHOLOGICAL LABORATORY.

	Positive	Negative	Total
Culture examined for diphtheria.....	31	14	45
Specimens of sputum examined for tuberculosis.....	104	105	209
Tuberculin test in human.....			1
Specimens of blood examined for typhoid fever.....	16	32	48
Specimens of blood smear examined for malaria.....	36	2	38
Feces examined for ova of intestinal parasites.....	5	18	23
Specimens of urine examined—chemically.....			316
Specimens of urine examined—microscopically.....			168
Samples of food examined.....			53
Samples of milk collected and examined.....			322
Samples of milk brought to laboratory and examined..			113
Total samples of milk examined.....			435
Samples City water collected and examined.....			9
Stomach contents examined.....			4

## REPORT OF FUMIGATING OFFICER FOR THE YEAR.

Fumigated for:—	No. Rooms
Tuberculosis.....	249
Diphtheria.....	157
Smallpox.....	147
Scarlet fever.....	54
Typhoid fever.....	49
Pneumonia.....	5
Scabies.....	2
Cerebro-spinal Meningitis.....	16
Causes not specified.....	100
Total rooms.....	783
Smallpox.....	7 Box Cars.
Scarlet fever.....	2 automobiles
Also 4 surface toilets were fumigated.	

## REPORT OF THE SEWER OFFICER FOR THE YEAR.

Number of sewer connections forced.....	39
Total number of sewer connections made.....	338

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ANNUAL REPORT

OF

JACK KENNEDY,

*CITY SCAVENGER,*

*For the Year Ending February 28, 1911.*

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## REPORT OF CITY SCAVENGER.

HOUSTON, TEXAS, March 1, 1911.

TO THE HON. H. B. RICE,  
*Mayor of the City of Houston.*

DEAR SIR:—I herewith beg to submit the annual report of the Scavenger Department, showing receipts and disbursements, and all work done in the department for the fiscal year ending February 28, 1911:

### GENERAL REVENUE.

#### Amount of Closets Cleaned.—(Antique head)

March, 1910.....	\$ 1,847.00
April, ".....	1,655.00
May, ".....	1,512.00
June, ".....	1,541.75
July, ".....	1,324.00
August, ".....	1,469.75
September, ".....	1,358.00
October, ".....	1,271.25
November, ".....	1,302.00
December, ".....	1,469.25
January, 1911.....	1,709.75
February, ".....	1,543.00

Total .....\$18,002.75

#### Amount of Cash Collected.

March, 1910.....	\$ 1,795.50
April, ".....	1,713.75
May, ".....	1,451.25
June, ".....	1,468.00
July, ".....	1,289.25
August, ".....	1,433.50
September, ".....	1,288.75
October, ".....	1,283.25
November, ".....	1,203.25
December, ".....	1,430.50
January, 1911.....	1,639.00
February, ".....	1,476.00

Total .....\$17,472.00

## Amount of Closets Cleaned With No Collections.

Charity .....	\$290.25
Public Schools .....	150.00
City Stables .....	4.50
Wharf .....	2.75
Infants' Home .....	4.50
Sewer Lift .....	3.00
Bills Not Paid.....	75.75
Total .....	<u>\$530.75</u>

## Recapitulation.

Cash Collected .....	\$17,472.00
Bills Outstanding .....	530.75
Total .....	<u>\$18,002.75</u>
Expense .....	<u>12,262.43</u>
Net Profit Over Operating Expense.....	<u>\$ 5,740.32</u>
Amount of Appropriation.....	<u>\$13,000.00</u>
Amount Expended .....	<u>12,262.43</u>
Balance Unexpended .....	<u>\$ 737.57</u>
Percentage of Appropriation Unexpended.....	5.67

## General Expense.

Inspectors, salary .....	\$ 4,546.12
Clerk .....	790.00
Laborers, salary .....	5,395.00
Feed .....	741.96
Repairs on Wagons.....	28.60
Repairs on Tools.....	41.77
Repairs on Harness.....	120.30
Repairs on Barrels.....	323.30
Stationery and Office Supplies.....	204.90
Freight on Disinfectants.....	31.90
Telephone, office .....	27.15
Axle Grease .....	<u>11.43</u>
Total Expense .....	<u>\$12,262.43</u>

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 Number of Places Cleaned and Inspected During the Year.

		Cleaned.	Condemned.
March,	1910.....	2,167	1,883
April,	" .....	2,000	1,771
May,	" .....	1,833	1,503
June,	" .....	1,840	1,726
July,	" .....	1,622	1,403
August,	" .....	1,791	1,772
September,	" .....	1,670	1,565
October,	" .....	1,566	1,519
November,	" .....	1,572	1,411
December,	" .....	1,790	1,706
January, 1911.....		2,055	1,726
February, " .....		1,897	1,692
Total .....		21,803	19,677

## Inventory of Live Stock, Wagons, Barrels, etc.

Wagons .....	6
Mules .....	6
Disinfectants, kegs .....	4
Crude Disinfectants, gallons.....	300
Sanitary Barrels, new.....	35
Sanitary Barrels, old.....	20

I mention with regret that the Scavenger Department lost two mules last year, they having died with lock-jaw.

In conclusion, I wish to state that the net earnings of the Department this year is \$5,740.32.

Respectfully submitted,

J. KENNEDY,  
*City Commissioner.*

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ANNUAL REPORT

OF

R. G. ASHE,

*SUPERINTENDENT GARBAGE,*

*For the Year Ending February 28, 1911.*

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## REPORT OF GARBAGE DEPARTMENT.

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HOUSTON, TEXAS, March 1, 1911.

TO THE HON. H. B. RICE,  
*Mayor of the City of Houston.*

DEAR SIR:—I herewith beg to submit my annual report of the Garbage Department, showing the expense of the Department for the year, from March 1, 1910, to February 28, 1911.

### Expense.

Superintendence, salary .....	\$ 2,160.00
Labor, expense .....	19,758.68
Repairs and Renewals, equipment.....	17.00
Telephone .....	27.90
Total .....	<u>\$21,963.58</u>
Budget .....	<u>16,000.00</u>
Amount Over-expended .....	<u>\$ 5,963.58</u>
Percentage Over-expended .....	37.27

Respectfully submitted,

R. G. ASHE,  
*Garbage Superintendent.*



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ANNUAL REPORT

OF

J. M. RAY,  
*CHIEF OF POLICE,*

*For the Year Ending February 28, 1911.*

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## REPORT OF POLICE DEPARTMENT.

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HOUSTON, TEXAS, March 10, 1911.

TO THE HON. H. B. RICE,  
*Mayor of the City of Houston.*

DEAR SIR:—I have the honor to submit herewith the annual report of the Police Department for the fiscal year ending February 28, 1911, together with such suggestions and recommendations as, in my judgment, would benefit the Department.

The Department was under the command of former Chief of Police, George Ellis, during the fore part of the year, the undersigned succeeding him on August 23, 1910. During the year the work of the Department has been such as to deserve commendation, and the results of the year's work are set forth in the body of the report.

Absolute harmony prevails throughout the Department. The discipline of the force has been excellent, and the members of the Department have performed their arduous and trying duties in a highly creditable manner. Infractions of the rules and regulations have been infrequent.

I would not only recommend that the present strength of the Department be retained, but that same be increased from time to time, as deemed necessary to meet the requirements of the rapidly increasing city.

It gives me great pleasure to report that there has been less crime committed in the city during the past few months than ever before in the history of the city, which is not only very gratifying to the public at large, but to the officers of the Department.

A special effort has been made by this Department to free the city of all places of immorality, and the class of undesirable characters that frequent such places, and it is with pleasure I can say that the residential portion of the

city has fewer of these places, and characters, than in former years, and work will be continued along this line until the city is permanently relieved of this annoyance.

The motorcycle squad is rendering most effective service, and I consider this a valuable adjunct to our Department. Calls are frequently made by these men in remote parts of the city, with rapidity, where otherwise, on account of the great distances to be covered, answer to the call would be delayed, and the horses so tired and overworked that a return call would be very severe on the animals.

Since the introduction of the traffic ordinance the city has been greatly relieved and benefited. The congested condition of the public thoroughfares in the business portion of the city has been greatly relieved, and the public is to be congratulated for the assistance they have rendered the officers in the enforcement of this ordinance.

With reference to our Bureau of Identification, will say that I think this work of great importance and benefit to any police department. Our bureau is increasing in value each day, and where many identifications of criminals are made through this bureau since the installation of the Bertillon and Finger Print Systems, prior to the installation of these systems an identification of a criminal was almost a rarity. We now have something over eight hundred photographs of various crooks and criminals of the country on file in the bureau, and are adding to it daily. As a means of dealing with characters of this class who come under the observation of the larger police departments, the Bertillon and Finger Print Systems are of untold value. In addition to a means of identification it has a tendency to keep this class of characters from coming to the city that has these systems, knowing the result if they do.

I would recommend the purchase at the earliest possible moment of an auto patrol. The rapid territorial growth of the community has made an auto patrol all but necessary to the good of the service. The patrol wagon now in service is taxed heavily, and the early addition of an auto patrol

would very materially increase the efficiency of the Department. The automobile now in service in the Department is rendering good satisfaction, and is of valuable assistance to the Department.

It is with pleasure I report not a single public gambling house in the city, and the city in general has been relieved of this vice more the past few months than ever before in the city's history.

When the Gamewell Signaling System, now being installed by the city, is in active operation, the efficiency of the force will be very materially increased, and this system will be a powerful influence for the prevention and punishment of crime.

For more minute information relative to the activity of the Department during the year just closed I respectfully refer you to the tabulated statements which follow.

The thanks of this Department are due to His Honor, the Mayor, and to the members of the Commission for courtesies and assistance extended the Department during the past year.

Respectfully submitted,

J. M. RAY,  
*Chief of Police.*

Arrests Made During the Fiscal Year Ending February 23, 1911.

		WHITE		COLORED		TOTAL
		Male	Female	Male	Female	
March,	1910.....	259	5	132	18	414
April,	" .....	211	10	112	26	359
May,	" .....	255	15	136	34	440
June,	" .....	207	10	172	35	424
July,	" .....	248	11	156	30	445
August,	" .....	251	8	182	43	484
September,	" .....	294	18	181	38	531
October,	" .....	312	4	175	24	515
November,	" .....	407	27	162	49	645
December,	" .....	403	32	211	40	686
January,	1911.....	350	22	165	39	576
February,	" .....	233	11	143	22	409
Total .....		3,430	173	1,927	398	5,928

Violating State Laws.

Assault .....	293
Assault, aggravated .....	44
Assault, to murder.....	89
Assault, to rape.....	3
Assault, to rob.....	1
Abusive language .....	99
Burglary .....	124
Carrying a pistol.....	56
Carrying knucks .....	1
Carrying a dirk.....	1
Cruelty to animals.....	15
Drunk .....	1,207
Disturbing the peace.....	657
Disorderly house, keeping.....	21
Disposing of mortgaged property.....	1
Embezzlement .....	6
Fighting .....	348
Forgery .....	30
Gaming .....	331
Impersonating an officer.....	1
Incest .....	1
Jumping trains .....	136
Keeping opium joint.....	1
Murder .....	19
Malicious mischief .....	2
Rape .....	5
Robbery .....	15
Robbery, by firearms.....	3
Receiving and concealing stolen property.....	1
Selling liquor without a license.....	6
Selling liquor on election day.....	1
Selling opium .....	1
Seriously threatening life.....	5
Swindling .....	6
Theft, felony .....	60
Theft, misdemeanor .....	113
Theft, from the person.....	26
Theft, of horse.....	10
Using profane language over telephone.....	1
Unlawfully wearing emblem of secret order.....	1
Vagrancy .....	775
Violating Sunday law.....	9
Total .....	4,525

**Violating City Ordinances.**

Automobiles, no number.....	1
Automobiles, violating speed ordinance.....	154
Automobiles, no lights.....	4
Accompanying lewd women.....	10
Bicycles, riding on sidewalks.....	10
Bicycles, no lights.....	15
Building fire on floor of hay barn.....	1
Causing a collision.....	19
Crossing a funeral procession.....	8
Driving over fire hose.....	8
Discharging firearms in the city limits.....	11
Driving over sidewalks.....	2
Driving fast over a bridge.....	1
Driving fast over streets.....	20
Failing to pay hack license.....	2
Failing to pay occupation license.....	2
Hitching on Main Street over thirty minutes.....	2
Intrusion, unlawful.....	17
Interfering with an officer in discharge of duty....	1
Jumping street cars.....	1
Loitering in houses of prostitution.....	100
Obstructing sidewalks.....	1
Obstructing streets.....	13
Peddling without a license.....	5
Registering in hotel as man and wife, when not so...	33
Spitting on sidewalk.....	1
Street walking.....	28
Sleeping in a public place.....	5
Selling spoiled eggs.....	1
Selling adulterated milk.....	15
Turning in false fire alarm.....	2
Trains, failing to stop at street crossings.....	3
Tacking cards on telephone poles.....	2
Teams, leaving unhitched.....	66
Using horse and vehicle of another, without consent..	6
Violating Hack ordinance.....	5
Violating Building ordinance.....	1
Violating Sweeping ordinance.....	7
Violating Sanitary ordinance.....	8
Violating Article 444.....	5
Violating Bill-posters ordinance.....	8
Violating Street Car ordinance.....	4
Violating Depot ordinance.....	2
Violating Traffic ordinance.....	106
Total .....	716

**Recapitulation.**

Violating State Laws.....	4,525
Violating City Ordinances.....	716
United States Deserters.....	2
Suspicious Characters .....	668
Lunacy .....	17
Total .....	5,928
Number of head of stock impounded.....	2,746

Total Number of Runs Made, and Number of Miles Traveled by Patrol Wagon During the Year.

		DAY		NIGHT	
		Runs	Miles	Runs	Miles
March,	1910.....	133	237	163	274
April,	" .....	104	200	113	204
May,	" .....	136	237	145	266
June,	" .....	128	217	148	272
July,	" .....	105	173	144	274
August,	" .....	153	230	135	330
September,	" .....	144	208	185	384
October,	" .....	130	218	169	331
November,	" .....	151	233	221	397
December,	" .....	177	268	193	383
January,	1911.....	169	253	180	313
February,	" .....	123	217	164	262
Total .....		1,753	2,691	1,960	3,690

Force of the Department.

1 Chief .....	\$ 2,400.00
1 Assistant Chief .....	1,560.00
2 Sergeants .....	2,640.00
1 Roundsman .....	1,140.00
4 Clerks .....	4,740.00
9 Detectives .....	10,020.00
1 Warrant Officer .....	1,140.00
1 Turnkey .....	960.00
2 Patrol Drivers .....	1,920.00
16 Mounted Officers .....	18,240.00
4 Motor Cycle Officers.....	3,840.00
62 Patrolmen .....	59,520.00
1 Chauffeur .....	1,080.00
105..... Total .....	\$109,200.00

Revenue Police Department.

Month.	Fines and Cost.	Pound.	Dog Tax.	Special Detail.	Other.	Total.
Mar. 1910..	\$ 1,259.40	\$ 526.15	.....	\$ 184.80	\$145.75	\$ 2,116.10
Apl. " ..	1,410.00	450.55	.....	217.50	48.25	2,126.30
May, " ..	1,406.75	400.25	\$597.00	292.50	50.85	2,747.35
June, " ..	860.40	222.75	114.00	160.00	53.50	1,410.65
July, " ..	1,144.45	236.60	57.00	192.50	40.25	1,670.80
Aug., " ..	1,454.35	225.75	47.00	252.50	11.00	1,990.60
Sept., " ..	1,877.70	294.25	12.00	185.00	14.75	2,383.70
Oct., " ..	1,812.75	243.80	35.00	327.50	.....	2,419.05
Nov., " ..	1,903.50	198.85	35.00	182.50	32.75	2,352.60
Dec., " ..	2,170.65	312.50	8.00	175.00	3.75	2,669.90
Jan., 1911..	1,612.50	305.55	.....	165.00	43.50	2,126.55
Feb., " ..	779.90	249.10	.....	160.00	.....	1,189.00
Total...	\$17,692.35	\$3,661.10	\$905.00	\$2,494.80	\$444.35	\$25,202.60

## Roster of Police Department.

Name	Rank	Date of Appointment	
Anderson, Andy.....	Patrol Driver.....	January	2, 1889
Anderson, H. W.....	Patrolman (Mounted).....	February	20, 1900
Blackshear, J. T.....	Patrolman .....	November	5, 1908
Boone, J. L.....	Detective .....	October	1, 1907
Binford, T. ....	Patrolman (Mounted).....	November	21, 1908
Berner, F. E.....	Turnkey .....	May	2, 1900
Berner, E. ....	Patrolman .....	December	1, 1906
Burke, C. M.....	Patrolman .....	October	1, 1910
Cain, A. J.....	Patrolman (Mounted).....	April	24, 1909
Cain, J. M.....	Patrolman .....	September	3, 1910
Cahill, M. F.....	Patrolman .....	November	13, 1891
Cooper, W. B.....	Patrolman .....	September	30, 1907
Connolly, F. ....	Detective .....	September	9, 1909
Cunningham, W. G.....	Patrolman .....	January	21, 1911
Curry, Frank .....	Patrolman .....	October	20, 1910
Daniels, R. H.....	Patrolman (Mounted).....	October	6, 1910
Depenbrook, H. W.....	Patrolman .....	September	4, 1896
Eidson, J. M.....	Patrolman .....	August	26, 1910
Edwards, C. W.....	Patrolman .....	March	1, 1905
Farquhar, G. W.....	Patrolman .....	October	16, 1905
Faulkner, J. ....	Patrolman .....	September	13, 1910
Frazier, Frank.....	Patrolman .....	November	1, 1910
Fuller, N. B.....	Patrolman .....	May	1, 1898
Finn, Frank .....	Patrolman (Mounted).....	March	10, 1908
Felts, J. E.....	Patrolman .....	July	1, 1906
Frederick, B. F.....	Clerk .....	December	15, 1905
Free, Joe .....	Warrant Officer.....	January	25, 1910
Gibbs, George W.....	Clerk .....	May	2, 1902
Grimstead, J. T.....	Clerk .....	December	11, 1892
Griffith, I. C.....	Patrolman (H. & T. C.).....		
Graham, H. T.....	Patrolman (Motorcycle).....	August	18, 1909
Hall, J. S.....	Patrolman .....	May	1, 1904
Hambrick, H. W.....	Roundsman .....	May	2, 1906
Hilton, G. H.....	Patrolman .....	July	7, 1909
Hodgson, William.....	Patrolman (H. & T. C.).....	May	28, 1886
Hodgkins, C. P.....	Patrolman .....	August	10, 1909
Higgins, William.....	Patrolman .....	June	17, 1910
Hill, J. F.....	Patrolman .....	July	22, 1909
Habermacher, S. M....	Patrolman (Mounted).....	September	17, 1905
Houlihan, Jack.....	Patrolman .....	March	8, 1910
Heck, C. W.....	First Sergeant.....	December	28, 1906
Jones, F. R.....	Patrol Driver.....	May	1, 1902
Jones, C. E.....	Detective .....	September	26, 1909
Jones, O. B.....	Clerk .....	February	6, 1908
Jones, Ned (col.).....	Patrolman .....	June	4, 1894
Kessler, W. F.....	Chief Detective.....	April	19, 1896
Kennerly, J. E.....	Detective .....	November	9, 1906
Kegans, W. H.....	Patrolman (Mounted).....	December	24, 1890
Kellett, Jack.....	Chauffeur .....	August	28, 1910
Lee, J. H.....	Patrolman .....	September	1, 1910
Long, W. J.....	Patrolman .....	August	26, 1910
Lomax, C. A.....	Patrolman .....	August	17, 1910
Lockart, F. L.....	Traffic Squad (Mounted)....	April	27, 1908
Maxsey, James.....	Patrolman .....	May	13, 1909



Name	Rank	Date of Appointment
Murphy, G. L.....	Traffic Squad (Mounted)....	December 10, 1909
Moody, H. C.....	Patrolman (Mounted).....	April 20, 1908
Monroe, M. P.....	Patrolman .....	May 1, 1906
Millsap, A. J.....	Patrolman (Motorcycle)....	August 19, 1909
Mitchell, F. W.....	Patrolman .....	May 28, 1910
Mitchell, C. C.....	Patrolman .....	October 19, 1910
Mitchell, George.....	Patrolman (Mounted).....	January 20, 1911
McClanahan, J. T.....	Patrolman (Mounted).....	July 19, 1898
McBurney, W.....	Patrolman .....	October 8, 1902
McNutt, J. B.....	Patrolman .....	May 28, 1908
McNutt, E. P.....	Patrolman .....	April 29, 1910
Neuman, J. F.....	Patrolman .....	September 1, 1910
Nicholson, E. N.....	Patrolman (Mounted).....	August 13, 1905
Nugent, O. F.....	Patrolman .....	January 14, 1911
O'Leary, P. D.....	Patrolman .....	April 23, 1909
Peyton, George.....	Detective .....	August 19, 1906
Perkins, W. H.....	Patrolman .....	May 4, 1908
Randle, V. S.....	Traffic Squad (Mounted)....	December 15, 1909
Ray, J. M.....	Chief of Police.....	August 6, 1891
Robinson, D. W.....	Patrolman (Motorcycle)....	May 22, 1909
Reneau, T. N.....	Detective .....	January 9, 1911
Reagan, H.....	Patrolman .....	November 13, 1905
Shoemaker, H. D.....	Patrolman .....	October 1, 1909
Shine, W. T.....	Patrolman (Mounted).....	June 17, 1910
Smith, J. M.....	Patrolman .....	April 12, 1908
Smith, R. R.....	Detective .....	October 1, 1905
Smith, W. H.....	Detective .....	February 20, 1900
Stockton, W. J.....	Patrolman .....	May 23, 1902
Settle, R. H.....	Patrolman .....	May 8, 1909
Stone, S. P.....	Patrolman .....	May 1, 1894
Simmons, C. J.....	Patrolman (Motorcycle)....	August 18, 1909
Scott, J. F.....	Patrolman .....	January 7, 1899
Schulz, W. F.....	Patrolman .....	August 2, 1909
Spaulding, J. S.....	Patrolman .....	June 24, 1908
Swain, W. A.....	Patrolman .....	April 29, 1910
Stringfellow, W. J.....	Patrolman .....	August 2, 1910
Trimble, D. M.....	Assistant Chief of Police....	August 6, 1905
Toole, J. P.....	Patrolman .....	January 1, 1910
Urban, J. E.....	Patrolman .....	July 10, 1909
Varnell, J.....	Patrolman .....	July 10, 1909
Williams, W. C.....	Patrolman .....	November 1, 1904
Ward, R. L.....	Second Sergeant.....	June 2, 1903
Wagner, H. J.....	Patrolman .....	May 22, 1909
Way, W. W.....	Patrolman .....	September 1, 1910
Worke, William.....	Patrolman .....	October 13, 1904
Wood, R. B.....	Patrolman .....	May 1, 1910
White, J. H.....	Patrolman .....	January 11, 1911
Whittington, B. W.....	Traffic Squad (Mounted)....	August 7, 1899
Wilson, C. M.....	Traffic Squad (Mounted)....	June 21, 1906
Young, W. J.....	Patrolman .....	September 14, 1910
Young, F. L.....	Patrolman .....	October 8, 1910

J. M. Ray appointed Chief August 23, 1910.

**Comparative Statement.**

	1906	1907	1908	1909	1910
Total arrests...	4,815	4,480	4,291	5,092	5,928
Stock im-					
pounded ....	2,767	2,461	2,529	2,836	2,746
Wagon calls....	2,482	2,772	2,441	2,898	3,713
Wagon mileage.	3,844	3,942	3,812	4,652	6,381
Pound fees....	\$ 3,641.25	\$ 3,319.65	\$ 2,994.10	\$ 3,708.55	\$ 3,666.10
Fines and costs	15,941.80	13,975.41	11,844.15	16,924.40	17,692.35
Dog tax.....	808.00	545.00	582.00	284.00	905.00
Special detail..	7,299.45	3,638.10	2,428.50	2,238.00	2,494.80

**Cost of Operating the Police Department for the Year Ending  
February 28, 1911.**

Salaries .....	\$103,548.65
Patrol Wagon and Equipment.....	295.75
Live Stock .....	1,091.70
Repairs to Buildings.....	21.00
Repairs and Renewals of Equipment.....	1.60
Light and Heat.....	538.76
Subsistence of Prisoners.....	2,544.60
Stationery and Printing.....	270.35
Other .....	3,028.37
Pound .....	462.65
Extraordinary .....	64.10

Total .....\$111,867.53

**Comparative Statement of Revenues and Operating Expenses of the Police  
Department.**

Year.	Revenues.	Operating Expenses.
1901.....	\$ 9,891.90	\$ 62,274.97
1902.....	12,603.50	62,498.66
1903.....	13,407.15	58,604.97
1904.....	16,414.85	64,506.55
1905.....	20,458.55	69,446.52
1906.....	28,094.75	71,857.90
1907.....	21,676.41	72,782.67
1908.....	17,926.15	86,354.46
1909.....	23,274.70	98,656.99
1910.....	25,202.60	111,867.53

**Property Stolen and Lost, Recovered and Unrecovered.**

Stolen property recovered.....	\$25,865.70
Stolen property unrecovered.....	22,060.75

Total stolen property.....\$47,926.45

Lost property recovered.....	\$ 7,213.23
Lost property unrecovered.....	1,997.15

Total lost property.....\$ 9,210.38

Report of Detective Department for the Year Ending February 28, 1911.

Abusive language .....	1
Accompanying lewd women.....	4
Aggravated assault .....	4
Assault .....	20
Assault to murder.....	22
Assault to rape.....	1
Burglary .....	85
Carrying a dirk.....	1
Carrying a pistol.....	6
Causing a collision.....	1
Deserter .....	1
Distributing circulars .....	1
Disturbing the peace.....	25
Drunk .....	34
Embezzlement .....	4
Fighting .....	14
Forgery .....	22
Gaming .....	139
Horse theft .....	6
Keeping a disorderly house.....	9
Keeping an opium joint.....	1
Loitering in house of prostitution.....	31
Murder .....	9
Peddling without a license.....	1
Rape .....	3
Registering as man and wife.....	6
Robbery .....	6
Selling liquor without a license.....	2
Seriously threatening life.....	3
Suspicion .....	216
Street walking .....	7
Swindling .....	3
Theft .....	2
Theft (felony) .....	38
Theft (from the person).....	8
Theft (misdemeanor) .....	50
Unlawfully riding train.....	1
Using property without consent of owner.....	1
Unlawfully wearing button of an association.....	1
Vagrancy .....	281
Violating automobile speed ordinance.....	1
Violating Sunday law.....	6
Total .....	1,077



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ANNUAL REPORT

OF

CLARENCE R. GEORGE,

*CITY ELECTRICIAN,*

*For the Year Ending February 28, 1911.*

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## REPORT OF CITY ELECTRICIAN.

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HOUSTON, TEXAS, February 28, 1911.

TO THE HON. H. B. RICE,  
*Mayor of the City of Houston.*

DEAR SIR:—As head of the Electrical Dēpartment, I have the honor of submitting this my annual report for the year ending February 28, 1911. This report contains a full statement of all matters pertaining to the management, extensions and improvements to the fire alarm system and the police patrol signal system now being installed, and the care and maintenance of the electrical equipment of all of the other city departments, as well as the inspection of electric wiring throughout the city.

Following your instructions for working out a modern street lighting system for the streets in the business district of the city, especially those streets occupied by the trolley lines, I wish to make the following recommendation:

### ORNAMENTAL STREET LIGHTING SYSTEM.

After a thorough personal investigation of this system of street lighting I find in use throughout the North and East, as well as some cities in the South, that there are but two practical, ornamental and serviceable systems to adopt. These are the five-light series Tungsten sixty-watt incandescent lamps mounted on a cast iron standard of suitable design. These standards to be erected a certain distance apart along the curb line. The general requirements would be about six of the standards on each side of the street to each block. This system of street lighting is best adapted to streets not occupied by trolley lines.

The use of this system of ornamental lighting is best adapted to streets where all other poles have been removed and where there is no obstruction to illumination (trees

not considered an obstruction, as they are generally set some distance back of the curb line, and the lamp standard averages about twelve feet above ground).

The other system is the series alternating arc lamp that we are now using and can be used on a combination street railway and ornamental lamp post, that is, by utilizing the same poles that support the street railway trolley span wire for supporting the arc lamp bracket.

The advantage of utilizing the one pole for the two purposes is that all poles, save the street railway trolley poles, can be removed from the streets, thereby clearing the sidewalk of all such unnecessary pole obstruction.

I find that this system of street lighting in some cities has proven very satisfactory.

For the first installation of ornamental street arc lamps, I would recommend that there be three lamps to each block on each side of the street, arranged alternately so that there would be two lamps at the intersection of each street. Another advantage of the method of arranging arc lamps is that it will do away with the present method of hanging the lamps in the center of the street and will remove all wires and supporting fixtures, which are not only unsightly but dangerous.

A city that adorns its streets with this handsome decorative lighting system indicates thereby a development of refinement, progress and dignity which invariably results in the rapid advancement and growth of the city to such extent as to make the cost of installation and the maintenance thereof comparatively insignificant.

To a well paved street (such as we have in this city), there is nothing that is more useful and attractive along with good pavement than ornamental, as well as good, lighting.

I have taken this matter up with the management of the lighting company, and have been informed that they can furnish the city with either system in the business district direct from their new underground conduit system.

**ELECTRIC LIGHT SYSTEM UNDERGROUND.**

During the past year the Houston Lighting and Power Company have completed their conduit system in the business district and are now engaged in pulling in their cables, which, when completed, will allow for the removal of all poles and overhead wires in the district covered by the underground system owned by this company.

**OTHER UNDERGROUND CONDUIT SYSTEMS.**

The underground conduit system, originally laid by the Citizens' Telephone Company, has been taken over by the Houston Home (Automatic) Telephone Company, and they have since extended the system so that they cover the business district to such an extent that there will be no necessity for their having to set poles.

This company is also extending their conduit system throughout the fire limits, and it is their intention to build their plant with as few poles as possible.

The Southwestern Telephone and Telegraph Company have extended their underground conduit system so that they will be able to remove all poles in the business district within the next few months; they have also extended their system on Texas Avenue to Harrisburg Road and on Washington Avenue to a point beyond the city limits, and are now preparing to extend the system to Hyde Park.

The removal of their pole lines has been very beneficial to the improvement as to looks on the streets, and has removed the danger on certain streets from the overhead wires.

I have been informed by the management of several of the wire service companies that it is their intention to remove as much of their overhead wires and cables as possible each year, as it has been found that the underground system affords better service and is more economical to maintain.



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CITIZENS' TELEPHONE COMPANY.

In my last annual report I reported the dangerous condition of the poles and wires belonging to this company, which has since gone out of business.

Shortly after making this report, I found that for the safety of the public it would be necessary for this department to organize a crew of competent linemen to remove such poles and wires of this company from the streets as were found almost ready to fall down, and this included about ninety per cent of the total poles and wires of their plant.

As stated above, this company had discontinued business; there was no one to take care of their dangerous wires; it was almost a daily occurrence that some one called this department, reporting that wires of the Citizens' Telephone Company were falling in the streets.

Knowing the condition of these poles and wires, and the damage liable therefrom to the public, I kept a man ready at all times to go and remove the danger.

The total cost during the year incurred for the removal of these poles and wires was \$1,431.75.

The plant of this company has since been taken over by the Houston Home (Automatic) Telephone Company, which is now removing the poles and wires.

## UNDERGROUND CABLE FOR FIRE ALARM AND POLICE PATROL.

All plans have been prepared and material on hand for placing our fire and police wires underground in the business section of the city. These cables would have been pulled in during the past summer, but the company's conduit system, into which we were to pull them, was in such condition that it was necessary for them to reinforce the system to make room for more duct space; hence the delay.

I am in hopes that I will be able to start this work within the next few weeks, and push the system to completion.

## REMODELING FIRE ALARM AT CENTRAL OFFICE.

During the past year it has been necessary to enlarge the office to care for the additional switchboards and police patrol system now being installed.

The following additional apparatus having been installed:

One 24-circuit protector board.

One 12-circuit storage battery switchboard.

Two 4-pen Suren punching registers.

One 6-signal patrol circuit, with two private circuits and 12-flashlight circuits police system desk switchboard.

Two new battery racks, with 260 cells of battery.

The 14-circuit manual alarm transmitter that we have been using on the first floor of the Central Fire Station was sent to the factory for rebuilding. This instrument has since been returned and is now in service in the Central Fire Alarm Office.

The following is a statement of the new fire alarm signal boxes, extension of new lines, and rebuilding of old lines. It was necessary during the past year to change the route of quite a number of our lines, on account of the removal of telephone poles owned by the two companies, and on account of the deteriorated condition of some of the wires that have been in use for the past twenty years. These wires have become unsafe and are expensive to maintain.

All of the new wires run for the police system and the fire alarm system rebuilding and extension is a make of wire known as Copper-clad wire. This wire has a conductivity of 40 per cent copper and 60 per cent steel, No. 10 B&S Gauge, which gives the service a much smaller wire, with better conductivity, than heretofore used, and more economical to maintain.

The new wires run from Smith Street on Dallas-San Felipe to Arthur. Two new wires run on Heiner from San Felipe to City Stables. Two new wires on Smith from Dallas to McKinney, on McKinney to Brazos;  $1\frac{1}{4}$  miles, 335 pounds.

One wire on Rusk from Charfres to St. Charles, on St. Charles to McKinney, from St. Charles to Chartres on Mc-

Kinney. One wire from San Jacinto to Caroline on Texas, on Caroline to Rusk, on Rusk to Crawford, on Crawford to No. 8 Engine House. One wire on Texas from LaBranch to Crawford, on Crawford to Rusk, on Rusk to Jackson; 2 miles, 536 pounds.

One wire from Main to Caroline, on Caroline to McGowen, on McGowen to Austin, back on McGowen to San Jacinto, on San Jacinto to Berry, on Berry to Louisiana, from Louisiana on Stewart to Hawthorne and Flora, on Hawthorne to Smith, on Smith to Elgin, on Elgin to Louisiana, on Louisiana to Tuam, on Tuam to Albany. Two new wires on Pease from Caroline to Austin; 2 miles, 536 pounds.

One gong wire from Caroline to Rusk, on Caroline to McGowen, on McGowen to Milam, on Milam to No. 7 Engine House, back on Milam to McGowen, on McGowen to San Jacinto, on San Jacinto to Berry, on Berry to Louisiana, on Berry to San Jacinto, on San Jacinto to McGowen, on McGowen to Crawford, on Crawford to Rusk, on Rusk to Austin. Total amount of wire used in circuit, 554 pounds.

One new wire on Jefferson from St. Emanuel to Chenevert, on Chenevert to Pierce;  $\frac{1}{4}$  mile, 82 pounds.

One wire from No. 8 Engine House to Drew, on Drew to Jackson, on Jackson to Dennis. One mile in circuit, 268 pounds.

One wire on Washington from Houston Avenue to Sabine, on Sabine to State, on State to Henderson; one mile in circuit, 268 pounds.

One wire on Preston from Smith to Washington, on Washington to Taylor, on Henderson from Washington to Railroad; one mile, 268 pounds.

One new wire on Houston Avenue from Washington to Edwards, on Edwards to Silver, on Edwards to Colorado, on Colorado to Bingham, back on Bingham to Edwards, on Edwards to Houston Avenue, to Crockett, back to Winter, on Winter to Taylor, from Houston Avenue and Spring; one wire to Summer, on Summer to White, on White to Spring, on White to Summer. Two wires on Houston from Alamo to North, on North to Beauchamp, on Beauchamp to

Highland, and installed Box 153 on Highland and Beauchamp; 3 miles, 704 pounds.

One new wire on Congress to Milam, from Fannin; 3 blocks, 60 pounds.

One new wire on Providence from Walnut to Hardy, on Hardy to Loraine, on Loraine to Hogan, on Hogan to Montgomery, on Montgomery to Harrington, to Chestnut. Back on Fletcher to Montgomery, on Montgomery to Wood. Two new wires on Noble to Hardy from Terry. Two new wires on Loraine from Hardy to Maury. Total wire used in this circuit,  $6\frac{1}{4}$  miles, 1,675 pounds.

One new wire on Wood from Montgomery to Walnut, through G. H. & S. A. Ry. yards to Hill Street. Two new wires on Hill Street from Nance to Foot. Two new wires from S. P. R. R. on Carr Street to Sumpter;  $3\frac{3}{4}$  miles, 1,029 pounds.

Two new wires on Artesian Place from Preston to Water Works; Two new wires on Preston to Washington, on Washington to Houston. Took down two old wires on Artesian Place and Preston to Water Works. Also took down wires from Preston to Washington, on Washington to Houston Avenue. New wire,  $1\frac{1}{2}$  miles, 204 pounds.

One wire on Rusk, from Jackson to Chartres. Two wires on Chartres from Rusk to Texas Avenue; 1 mile, 268 pounds.

Run two new wires on Crawford from Drew to Elgin, on Elgin to Chenevert; 1 mile, 268 pounds.

Replaced one old wire with new, on Caroline from Gray to McGowen, on McGowen to Austin, back on McGowen to Caroline, thence to Anita.

#### NEW FIRE ALARM BOXES INSTALLED.

Box.	Location.	Box.	Location.
153	Beauchamp and Highland.	363	Main and Rusk.
*224	Lyle and Pine.	433	Louisiana and Berry.
	Hartwell Iron Works.	* 58	Sterrett and Williams.
253	Sampson and Preston.		Bute's warehouse.
*219	Ho. El. Co. powerhouse.	535	Campbell and Hardy.
*351	Chenevert and Elgin.	* 74	Henke & Pillot.

\* Indicates Private Boxes paid for by parties named.

° Box 351 moved from Jackson and Calhoun to Elgin and Chenevert.

POLICE PATROL BOXES INSTALLED.

Three wires run from Austin to Crawford on Rusk, out Crawford to Jefferson, down Jefferson to Broadway; amount of wire used, 6 miles, 1,608 pounds.

Three wires run on Caroline from Rusk to McGowen, on McGowen to San Jacinto, on San Jacinto to Berry, on Berry to Main; 5 miles, 1,340 pounds.

Three wires run from Smith on Preston to Washington, out Washington to Southern Pacific tracks. Four wires on Houston Avenue from Washington to Winter; 6 miles, 1,608 pounds.

Three wires on Montgomery from Wood to Hogan, down Hogan to Marion; 4 miles, 1,072 pounds.

Four wires run on Arthur from San Felipe to Hardcastle; four wires on Andrews from San Felipe to Meyers; 2 miles, 536 pounds.

Three wires on Wood from Montgomery to Walnut, out Walnut to Providence, out Providence to Semmes, on Semmes to Odin, on Odin to McMillan; four wires on Carr from Odin to Loraine, on Loraine to Clark; three wires on Carr from Odin to G. H. & S. A. Ry., down G. H. & S. A. Ry. to Meadow to Cline. Wire used, 91½ miles, 2,546 pounds.

Three wires on Walker from Travis to Smith, on Smith to Dallas, to San Felipe, out San Felipe to Wilson; 3½ miles, 968 pounds.

Three wires on Franklin from Caroline to I. & G. N. R. R.; thence to Commerce, on Commerce to Sampson, down Sampson to Engelke; three wires on Sampson to Harrisburg Road, out Harrisburg to Milby; 6½ miles, 1,742 pounds.

Box.	Location.
13	Washington and Eighth.
151	Houston and Winter.
313	Caroline and Bell.
331	McGowen and San Jacinto.
412	San Felipe and Heiner.
433	Main and Berry.
461	Arthur and Hardcastle.
464	San Felipe and Wilson.
51	Liberty and Walnut.
52	Liberty and McKee.
53	Montgomery and Wood.

Box.	Location.
56	Conti and Semmes.
57	Conti and Hardy.
512	Odin and McMillan.
517	Montgomery and Hogan.
529	Cline and Meadow.
532	Clark and Loraine.
561	Hogan and Marion.
62	Washington and Young.
69	Chaneyville.
463	Howard and Lamb.

## APPROXIMATE VALUATION OF THE FIRE ALARM SYSTEM.

The following figures show an approximate valuation of the fire alarm system:

All Engine House Equipment (electrical) .....	\$ 4,355.25
Outside Construction, Signal Boxes, Poles and Other Fixtures .....	35,650.44
Central Office Equipment and Furniture .....	11,734.00
Horse, Buggy and Automobile .....	1,525.00
Total .....	\$53,264.69

The above figures do not include apparatus and instruments that have been installed and not put in actual service.

The total number of fire alarm signal boxes is 141—city 122, and private 19.

## EXPENSE OF THE DEPARTMENT.

The following figures will show the expense of the department—with the improvements, betterments, additions and extension of the system covered in the item of extraordinary:

Salary, Superintendent .....	\$ 1,800.00
Salary, Inspector .....	1,255.00
Repairs and Renewals to Fire Alarm, including Salary of Line-man and extra Labor .....	3,618.29
Other Expense .....	2,007.37
Total Ordinary .....	\$ 8,680.66
Extraordinary .....	30,462.10
Grand Total .....	\$39,142.76

## ELECTRICAL INSPECTION.

This branch of the department, which requires careful attention on account of the rapid growth and extension of the city, with so many new buildings under construction, all of which are being wired for electric light, including the large buildings in the business section, is now cared for by two inspectors; *i. e.*, one regular and one extra inspector.

Number of Permits Issued for Electric Wiring .....	1,628
Number of Permits Issued for Electric Service .....	1,362
Number of Permits to Set Poles .....	75
Number of Poles Inspected .....	534
Revenue from Inspection and Others .....	\$3,683.60



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CARE AND INSTALLATION OF ELECTRICAL EQUIPMENT FOR  
OTHER DEPARTMENTS.

This department has made all installations and maintained same in all of the other departments of the city government, including the Auditorium exterior lighting. The conduit and wiring system of this building was installed by contract.

We have installed on the Auditorium ten solid bronze lighting fixtures, each containing a cluster of eight lamps. We have erected sixteen cast iron ornamental lamp standards with five lamps each on the outer edge of the sidewalk around the building.

In the Water Works pumping station we have installed a new switchboard for the isolated lighting plant.

At the main entrance of the City Hall we have erected four cast iron ornamental lighting standards with five lamps each.

Wired and installed lighting fixtures in new Engine House No. 2, located at Preston Avenue and Sampson Street.

Installed one street arc lamp at the entrance to the yard of the Water Works plant and supplying service to this lamp from the dynamo at the water plant, thereby making a saving to the city of one arc lamp per year.

Erected temporary lights for the concerts at Sherman school.

Decorated City Hall for the annual carnival.

RECOMMENDATIONS.

As I have made all preparations for handling fire alarms manually by operators, I wish to recommend that I be allowed to rearrange all of our instruments for more rapid transmission of both manual and automatic alarms. By this change we will be able to handle all alarms within about one-half of the time now consumed; the cost for this rearrangement will be very small.

I wish to recommend that we extend our lines and install fire alarm signal boxes to those parts of the city that have grown beyond this valuable public service.

Since this department has been furnished with an automobile for making quick runs in repairing troubles on the fire alarm and police wires it has proven of untold value, and has enabled me to dispose of one horse and buggy. At present the regular electrical inspector is using a horse and buggy, and the extra inspector a motorcycle. I find that the use of the motorcycle has proven so satisfactory, I wish to recommend that a small automobile runabout be provided for the regular inspector, and the horse and buggy be disposed of. This will increase the efficiency of the inspectors, as the territory and growth of the city is too much for a horse and buggy.

I wish to recommend that the budget allowance for this department for the year 1911 be \$8,500.00 for the operation and maintenance of the fire and police signal systems.

#### CONCLUSION.

In concluding this report, I wish to thank you for the assistance you have given me in handling my department and the discharge of my duty, and I assure you that with your assistance I have been able to place this city's electrical department second to none of the same population, and far above some cities of double the population.

I wish to thank the Commissioners for their assistance and assure them that this department is ready at all times to render whatever service required. I also wish to thank Chief Ollre of the Fire Department, who has at all times shown a disposition to assist this department in whatever request we have made upon him or his men.

Very respectfully submitted,

CLARENCE R. GEORGE,  
*City Electrician.*



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ANNUAL REPORT

OF

HOUSTON LYCEUM AND  
CARNEGIE LIBRARY

*For the Year Ending February 28, 1911.*

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## REPORT OF HOUSTON LYCEUM AND CARNEGIE LIBRARY.

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HOUSTON, TEXAS, March 1, 1911.

TO THE HON. H. B. RICE,  
*Mayor of the City of Houston.*

DEAR SIR:—The Library has shown a substantial growth during 1910. This year there were added by purchase 2,542 volumes; by purchase Meldrum Fund 247; by gift 355; making a total of accessions 3,144 volumes. The number of volumes now in the Library is approximately 32,000.

There were circulated 90,988 volumes from the main Library, a considerable increase over the circulation of last year. Of these, 25,877 volumes were from the children's department. The Library endeavors to increase the use of books for studious purposes, and a circulation of 25 per cent, a slight gain over last year, was made in books other than fiction.

The general reading room is daily visited by several hundred people, but it is impossible to keep track of the exact number of readers. In 1910 the reading room received 172 magazines, of which 112 are paid subscriptions and 60 gifts. Newspapers from New York, Chicago, St. Louis, Boston, New Orleans, San Antonio, Galveston and all local ones are on file. An effort is made to get and preserve all publications of local interest or locally published.

The extent to which a public library is used by the general public is frequently best indicated by the number of card holders. There were received during 1910, 2,802 applications for the privilege of borrowing books, making a total of 11,951 active card holders. Of the new registrations 821 were men, 1,133 were women and 848 were children.

To show the classes of people by whom the Library is principally used statistics of occupations were kept. Of those registering their occupations, there were: manufacturers 9, merchants and business men 48, bankers and brokers 4, real estate and insurance men 32, mechanics 31, trades 68, farmers and stockmen 5, railroad employees (not clerks) 19, engineers 18, artists and musicians 15, newspaper men 8, teachers 92, physicians 13, clergymen 6, lawyers 9, other professions 13, stenographers and clerks 384, salesmen 28, collectors 11, miscellaneous 40.

As usual books have been loaned to distant schools, and to the Settlement House. Over a thousand volumes have been sent out in this way, and they have been circulated by the teachers. A small deposit has been placed in Woodland Heights under the direction of the Woman's Club there.

A new undertaking has been started this year in the beginning of a picture collection. In connection with the stress laid by the schools on visual instruction, this collection will be useful to the teachers in work in geography, history, and literature. Much of the cutting and mounting is being done by the primary children under the supervision of the primary supervisor, Miss Peck. The collection will also include pictures of famous men, artists, and their works and illustrations, and will be of value to students, club women and newspapers, as well as to the school children.

Every day a great many people come to the Library seeking information on various subjects, and an effort is made to satisfy all serious inquiries. The range of inquiries is very wide, and a few examples of the subjects on which information is sought are dairy inspection, house building and decoration, flying machines, import and export duties in foreign countries, stream measurements, initiative and referendum, Texans enlisted in the Spanish-American war, diseases of domestic animals, president's cabinet, cuts of meat for a civil service packing house examination, the fatalism in Virgil's poetry, and whether the president of the United States could vote. There are almost daily calls for information on fig raising, citrus fruits, resources, minerals and

climate of Texas; Houston, its history and form of government.

The colored branch, for which an appropriation of \$500.00 was made, has had good use. Over four thousand books, principally children's books, have been loaned.

The treasurer's annual report for the year ending April 30, 1910, is as follows:

#### RECEIPTS.

May 1, 1909, To Balance in Hands of Treasurer....	\$ 585.06	
To Balance in Hands of Librarian....	22.73	
To City of Houston Appropriation.....	8,666.70	
To Club-room Rental.....	162.50	
To Fines and Dues (col'd by Librar'n)	519.92	
To Duplicate Rent Collec'n by Librar'n	232.90	
To Lost Books Paid for.....	42.73	
To Sundries .....	66.05	
Total .....		\$10,296.59

#### EXPENDITURES.

By Salaries .....	\$ 4,127.90	
By Janitor Salary.....	600.00	
By Colored Branch, Salaries and Books.....	446.00	
By Lights .....	155.90	
By Fuel .....	137.05	
By Telephone .....	78.00	
By Shelving and Furniture.....	671.96	
By Stationery and Supplies.....	253.95	
By Books and Periodicals.....	2,233.49	
By Binding and Rebinding.....	485.90	
By Building Supplies.....	87.80	
By Freight, Express and Cartage.....	121.99	
By Plumbing .....	101.90	
By Miscellaneous .....	400.72	
By Balance in Hands of Treasurer.....	364.25	
By Balance in Hands of Librarian.....	26.67	
Total .....		\$10,296.59

Respectfully submitted,

JULIA IDESON,  
*Librarian.*

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OF

MAYOR'S ANNUAL MESSAGE

AND

REPORTS OF OFFICERS

*For the Year Ending February 28, 1911.*

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Houston (Tex.)  
Annual message of Mayor of  
the City of Houston  
Central Texas Rm ADU REF  
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